FS5.77:3
TABLE-REF

EDUCATIONAL RESOURCES INFORMATION CENTER
DECEMBER 1968 VOLUME 3 NUMBER 12

UNIVERSITY OF ILLINOIS

ERIC

research in education

research in education

A MONTHLY ABSTRACT JOURNAL Subscription: Domestic, $11.00 a year; foreign, $2.75 additional. Single copy: Domestic, $1.00. (Prices subject to change). Send check or money order (no stamps) to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

A publication of the

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE—

Wilbur J. Cohen, Secretary

Office of Education—Harold Howe II, Commissioner

Bureau of Research—Norman J. Boyan, Associate Commissioner

Division of Information Technology and Dissemination—Lee G. Burchinal, Director

Material for this publication was assembled by North American Rockwell Corporation under contract with the U. S. Office of Education. Use of funds for printing was approved by the Director of the Bureau of the Budget September 19, 1966. Contents do not necessarily reflect official Office of Education policy.

introduction

RESEARCH IN EDUCATION is prepared monthly by the Educational Resources Information Center (ERIC) to ensure immediate accessibility of reports of significance to educators. RESEARCH IN EDUCATION includes information about reports received from research projects funded by the U. S. Office of Education as well as other reports collected by the 19 clearinghouses that comprise the national ERIC network. RESEARCH IN EDUCATION also includes information about current projects supported through the Bureau of Research, U.S. Office of Education.

catalog organization

RESEARCH IN EDUCATION is made up of résumés and indexes. The résumés highlight the significance of each document and are numbered sequentially with either ED prefixes or EP prefixes. The ED prefix identifies ERIC selected documents of educational significance; the EP prefix identifies current Office of Education research projects.

The indexes which follow the résumés in each edition cite the contents by:

Subjects
Authors and investigators
Institutions

Each index entry contains the appropriate ED or EP number so that the reader can readily refer to the corresponding sequential résumé number.

document orders

Most of the documents cited in the Résumé Section are available for purchase from the ERIC Document Reproduction Service. Availability and prices are to found in the How to Order Documents Section of this catalog.

December 1968 Volume 3 Number 12

research in education

ED 020 445 – 021 151 / EP 011 342 – 011 397

contents

Document Section 1

Document résumés 3

Subject index 129

Author index 193

Institution index 209

Project Section 227

Project résumés 229

Subject index 243

Investigator Index 251

Institution index 255

Accession Numbers Section 259

How to Order Documents 265

Other ERIC Products 267

document section

document résumés

SAMPLE ENTRY

ERIC Accession Number—identification number sequentially assigned to documents as they are processed.

Author(s).

Title.

Organization where originated.

Date published.

Contract or Grant Number—contract numbers have OEC prefixes; grant numbers have OEG prefixes.

EDRS Price—price through the ERIC Document Reproduction Service. "MF" means microfiche; "HC" means hard copy.

When listed "not available from EDRS" other sources are cited at end of abstract.

Code for Office of Education legislative authority which supported research activity (when applicable).

Clearinghouse accession number.

Report Number—number assigned by originator.

Descriptors—subject terms which characterize substantive contents. Only major terms, preceded by an asterisk, are printed in the subject index.

Abstract—résumé of approximately 200 words.

Abstractor's initials.

ED 014 154 08 EA 000 878
HANSEN, W. LEE WEISBROD, BURTON A.
SEMINAR ON THE ECONOMICS OF EDUCATION--INVESTMENT DECISIONS AND CONTRIBUTIONS TO INCOME AND ECONOMIC GROWTH. FINAL REPORT.
WISCONSIN UNIV., MADISON
REPORT NUMBER BR-6-8224
PUB DATE AUG 67
GRANT OEG-3-6-068224-0558
EDRS PRICE MF-$1.50 HC-$14.08 350P.

DESCRIPTORS *ECONOMIC DEVELOPMENT, *ECONOMICS, *EDUCATIONAL RESEARCH, *HUMAN CAPITAL, *INVESTMENT, COURSE CONTENT, ECONOMIC RESEARCH, GRADUATE STUDY, HUMAN RESOURCES, INCOME, MADISON, SPEECHES, STUDENT PROJECTS, STUDENT SEMINARS, WORKSHOPS,

A WORKSHOP ON THE ECONOMICS OF HUMAN RESOURCES WAS INITIATED IN 1966 AT THE UNIVERSITY OF WISCONSIN TO PROVIDE A VEHICLE FOR STIMULATING RESEARCH BY BOTH FACULTY AND GRADUATE STUDENTS AND TO PROVIDE A MEDIUM FOR DISSEMINATING THE LATEST RESEARCH FINDINGS OF OUTSIDE SCHOLARS, UNIVERSITY OF WISCONSIN FACULTY, AND GRADUATE STUDENTS. THIS DOCUMENT IS A COLLECTION OF THE WORKSHOP'S CONTENTS WHICH INCLUDES PAPERS BY NINE NOTED SPEAKERS--THOMAS FOX, "THE PRODUCTION FUNCTION OF EDUCATION," MARK BLAUG, "THE RATE OF RETURN OF INVESTMENT IN EDUCATION IN BRITAIN," T. W. SCHULTZ, "RESPONSES OF SCHOOLS AND STUDENTS TO ECONOMIC GROWTH," EDWARD F. DENISON, "EDUCATION AND ECONOMIC GROWTH IN NINE EUROPEAN COUNTRIES, 1950-65," HARRY G. JOHNSON, "THE ECONOMICS OF THE BRAIN DRAIN," SAMUEL BOWLES, "AN EDUCATIONAL PLANNING MODEL FOR NORTHERN RHODESIA," DANIEL C. ROGERS, "EDUCATION AND EARNINGS--A CASE STUDY," FINIS R. WELCH, "LABOR MARKET DISCRIMINATION--AN INTERPRETATION OF INCOME DIFFERENCES IN THE RURAL SOUTH," AND MELVIN W. REDER, "INCOMES AND MOBILITY OF DENTISTS." (HW)

REPORT RESUMES

ED 020 445 24 AA 000 298
POTTER, ROBERT R.
DEVELOPING ORIGINAL MATERIALS IN READING (A GUIDE FOR TEACHERS).
CITY UNIV. OF NEW YORK, HUNTER COLL.
REPORT NUMBER BR-5-0687
CONTRACT OEC-3-10-015
EDRS PRICE MF-$0.50 HC-$3.48 85P.

DESCRIPTORS— *DISADVANTAGED YOUTH, *GUIDELINES, *INSTRUCTIONAL MATERIALS, *READING MATERIALS, *STUDENT DEVELOPED MATERIALS, PROJECT ENGLISH CURRICULUM STUDY CENTER,

GUIDELINES FOR THE PREPARATION OF ORIGINAL INSTRUCTIONAL MATERIALS FOR DISADVANTAGED YOUTH ARE PRESENTED. THE TEACHER SHOULD BEGIN WITH A CLEAR STATEMENT OF PURPOSE AND SHOULD BE GUIDED BY THE OBSERVED NEEDS, INTERESTS, EXPERIENCES, AND CAPABILITIES OF THE CHILDREN FOR WHOM THE MATERIALS ARE INTENDED. THE MATERIALS SHOULD BE READABLE IN TERMS OF THE STATED PURPOSE RATHER THAN IN TERMS OF READABILITY FORMULAS. DECISIONS ON VOCABULARY LOAD, SENTENCE LENGTH, AND COMPLEXITY SHOULD DEPEND ON THE TEACHER'S OWN JUDGMENT AND THE CHILDREN'S VERBAL EXPERIENCE. ILLUSTRATIVE TEACHER-MADE AND PUPIL-MADE MATERIALS ARE GROUPED ACCORDING TO PURPOSE. THE FIRST GROUP CONSISTS OF FIVE TRUE STORIES ABOUT THE WORLD AND PEOPLE WITH WHOM THE DISADVANTAGED CHILD CAN IDENTIFY. THE SECOND GROUP OF MATERIALS DWELLS ON SCHOOL- AND SYSTEMWIDE THEMES AND INTEGRATES THE PRESCRIBED CONTENT WITH NEEDED SKILLS. SAMPLES OF STUDENT COMPOSITIONS CONSTITUTE THE THIRD GROUP OF MATERIALS DESIGNED TO PERSONALIZE INSTRUCTION IN COMPOSITION. MATERIALS WHICH PROVIDE PRACTICE IN SPECIFIC READING SKILLS AND EXPOSURE TO VARIED LITERARY FORMS ARE PRESENTED. A BIBLIOGRAPHY IS INCLUDED. (NS)

ED 020 446 AA 000 299
KNIGHT, DOUGLAS M.
LIBRARY SERVICES FOR THE NATION'S NEEDS, TOWARD FULLFILLMENT OF A NATIONAL POLICY. REPORT OF THE NATIONAL ADVISORY COMMISSION ON LIBRARIES.
NATIONAL ADVISORY COMMISSION ON LIBRARIES, WASH. D.C.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
REPORT NUMBER BR-7-0961
PUB DATE JUL 68
CONTRACT OEC-2-7-010105-1523
EDRS PRICE MF-$0.50 HC-$3.04 74P.

DESCRIPTORS— *GOVERNMENT ROLE, *INFORMATION SERVICES, *LIBRARIES, *LIBRARY SERVICES, *NATIONAL PROGRAMS, FEDERAL GOVERNMENT, FEDERAL LEGISLATION, INFORMATION NEEDS, PLANNING COMMISSIONS, POLICY FORMATION, PROGRAM COORDINATION, PROGRAM DEVELOPMENT, PROGRAM IMPROVEMENT,

THE BASIC CONCLUSIONS OF THE NATIONAL ADVISORY COMMISSION ON LIBRARIES AND SPECIFIC RECOMMENDATIONS FOR THE DEVELOPMENT OF LIBRARY AND INFORMATION SERVICES ARE PRESENTED IN THIS REPORT. INFORMATION UPON WHICH THESE CONCLUSIONS AND RECOMMENDATIONS ARE BASED CAME FROM FORMAL TESTIMONY, INFORMAL DISCUSSION, REGIONAL HEARINGS, AND SPECIALLY COMMISSIONED STUDIES ON RELEVANT TOPICS. THE FUNDAMENTAL RECOMMENDATION OF THE COMMISSION IS THAT IT BE DECLARED NATIONAL POLICY THAT THE AMERICAN PEOPLE SHOULD BE PROVIDED ADEQUATE LIBRARY AND INFORMATION SERVICES AND THAT THE FEDERAL GOVERNMENT, IN COLLABORATION WITH STATE AND LOCAL GOVERNMENT AND PRIVATE AGENCIES, SHOULD LEAD IN PROVIDING SUCH SERVICES. OBJECTIVES ARE STATED FOR OVERCOMING CURRENT INADEQUACIES IN ALL ASPECTS OF LIBRARY AND INFORMATION SERVICES. RECOMMENDATIONS FOR ACHIEVING THESE OBJECTIVES INCLUDE--(1) ESTABLISHMENT OF A NATIONAL COMMISSION OF LIBRARIES AND INFORMATION SCIENCE AS A CONTINUING FEDERAL PLANNING AGENCY, (2) RECOGNITION OF THE LIBRARY OF CONGRESS AS THE NATIONAL LIBRARY OF THE U.S., (3) ESTABLISHMENT OF A FEDERAL INSTITUTE OF LIBRARY AND INFORMATION SCIENCE, (4) RECOGNITION OF THE IMPORTANT CURRENT ROLE OF THE U.S. OFFICE OF EDUCATION IN MEETING LIBRARY SERVICE NEEDS, AND (5) STRENGTHENING OF STATE LIBRARY AGENCIES. APPENDED ARE THE STATEMENTS ESTABLISHING THE PRESIDENT'S COMMITTEE ON LIBRARIES AND THE COMMISSION AND LISTS OF SPECIAL STUDIES, REGIONAL HEARINGS, AND THE COMMISSION MEETINGS AND WITNESSES. (JB)

ED 020 447 56 AA 000 300
GATES, JESSE L. ALTMAN, JAMES W.
HANDBOOK OF INFORMATION SOURCES IN EDUCATION AND THE BEHAVIORAL SCIENCES.
AMERICAN INST. FOR RESEARCH IN BEHAVIORAL SCIENCES
REPORT NUMBER BR-7-1038
PUB DATE MAY 68
CONTRACT OEC-1-7-071038-3914
EDRS PRICE MF-$0.75 HC-$7.48 185P.

DESCRIPTORS— *BEHAVIORAL SCIENCES, *EDUCATION, *INFORMATION CENTERS, *INFORMATION SERVICES, *INFORMATION SOURCES, BEHAVIORAL SCIENCE RESEARCH, EDUCATIONAL RESEARCH, EDUCATIONAL RESOURCES, INFORMATION DISSEMINATION, INFORMATION PROCESSING,

THE PURPOSE OF THIS HANDBOOK IS TO INFORM EDUCATORS AND BEHAVIORAL SCIENTISTS OF INFORMATION SERVICES WHICH MAY ASSIST THEM IN THEIR WORK. THE HANDBOOK COVERS FIVE KINDS OF INFORMATION SOURCES WHICH SUPPLEMENT MORE TRADITIONAL RESOURCES SUCH AS LIBRARIES, BOOKS, AND MOST PERIODICALS. INCLUDED ARE DETAILED DESCRIPTIONS OF GUIDES AND DIRECTORIES, MULTIDISCIPLINARY INFORMATION CENTERS, SPECIALIZED INFORMATION CENTERS, DATA REPOSITORIES, AND ABSTRACTING AND INDEXING SERVICES. A BRIEF SUBJECT INDEX IS PROVIDED. (CC)

ED 020 448 24 AA 000 301
BRODERICK, CARLFRED B. AND OTHERS
THE INDIVIDUAL, SOCIETY AND SEX. BACKGROUND READINGS FOR SEX EDUCATORS.
SEX INFORMATION AND EDUC. COUNCIL OF UNITED STATES
REPORT NUMBER BR-7-0294
PUB DATE MAY 69
CONTRACT OEC-1-7-070294-1594
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *COURSE CONTENT, *CURRICULUM PLANNING, *SEX (CHARACTERISTICS), *SEX EDUCATION, *TEACHING METHODS, AGENCY ROLE, BEHAVIOR STANDARDS, COURSE OBJECTIVES, EDUCATIONAL HISTORY, INSTRUCTIONAL MATERIALS, INTERPERSONAL RELATIONSHIP, PHYSICAL DEVELOPMENT, SCHOOL ROLE, SEX DIFFERENCES, SOCIAL DEVELOPMENT, SOCIAL VALUES, STUDENT CHARACTERISTICS, TEACHER ROLE, TEXTBOOKS,

THIS BOOK IS DESIGNED AS A TEXT PRIMARILY FOR COLLEGE STUDENTS PREPARING TO TEACH SEX EDUCATION OR "EDUCATION IN THE NATURE OF HUMAN SEXUALITY AND THE RELATIONS BETWEEN THE SEXES" IN ELEMENTARY AND SECONDARY SCHOOLS. AN ATTEMPT IS MADE BY THE 13 WRITERS, MOST OF THEM SOCIOLOGISTS OF PSYCHOLOGISTS, TO DISTINGUISH BETWEEN THE KNOWLEDGE WHICH THE TEACHER TRANSMITS TO HIS STUDENTS AND THE KNOWLEDGE WHICH HE HIMSELF NEEDS IN ORDER TO DO IT. THE FIRST 5 CHAPTERS CONCENTRATE ON SOME OF THE PEDAGOLGICAL PECULIARITIES WHICH CHARACTERIZE TEACHING IN THE AREA OF SEX. "TRENDS IN SEX EDUCATION" REVIEWS THE MOVEMENT TO INTRODUCE IT INTO THE SCHOOL CURRICULUM AND SURVEYS THE CURRENT SCENE. THE "HOW" AND "WHAT" OF SEX EDUCATION ARE DEALT WITH IN "ONE APPROACH TO THE AGE PLACEMENT OF CONCEPTS AND MATERIALS." THE STUDENTS' OWN STAGES OF LIFELONG HUMAN GROWTH ARE THE FOCUS OF "NORMAL SOCIOSEXUAL DEVELOPMENT." "SOME SOCIAL AND PSYCHOLOGICAL ASPECTS OF SEX " DISTINGUISHES BETWEEN THE ROLES OF TEACHER AND COUNSELOR, AND "SEX EDUCATION IN THE COMMUNITY" DISCUSSES THE ROLE OF AGENCIES OTHER THAN SCHOOLS. CHAPTER 6 ON MASTURBATION AND 7,8, AND 9 ON PREMARITAL SEX STANDARDS AND INTERPERSONAL RELATIONSHIPS ATTEMPT TO PROVIDE BOTH INFORMATION AND GUIDANCE. BROADER SOCIOLOGICAL ASPECTS ARE COVERED IN THE LAST 3 CHAPTERS--"SEX IN THE CULTURE OF POVERTY," "CHANGING CONCEPTS OF MASCULINITY AND FEMINITY," AND THE "IMPACT OF CULTURE AND VALUES." LISTS OF REFERENCES AND SUGGESTED READINGS FOLLOW MOST OF THE CHAPTERS. THE BOOK WILL BE PUBLISHED IN MAY 1969 BY JOHNS HOPKINS PRESS, BALTIMORE, MD. 21218, IN PAPERBACK AND HARD COVER. (JS)

ED 020 449 AA 000 302
BURCHINAL, LEE G.
EVALUATION OF ERIC, JUNE 1968.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
PUB DATE OCT 68
EDRS PRICE MF-$0.25 HC-$1.96 47P.

DESCRIPTORS— *CLEARINGHOUSES, *EDUCATIONAL RESOURCES, *INFORMATION SYSTEMS, *PROGRAM EVALUATION, EDUCATIONAL RESEARCH, ERIC, INFORMATION DISSEMINATION, INFORMATION PROCESSING, INFORMATION RETRIEVAL, INFORMATION SERVICES, INFORMATION UTILIZATION, NETWORKS, PUBLICATIONS,

THE PURPOSE OF THIS PAPER WAS TO EXAMINE THE DEGREE TO WHICH THE ERIC PROGRAM, AFTER TWO YEARS OF OPERATIONAL EXPERIENCE, WAS REACHING THE OBJECTIVES SET FORTH FOR IT AT ITS INCEPTION IN 1965. DATA FROM VARIOUS SOURCES INDICATE THAT ERIC HAS BEEN SUCCESSFUL IN ATTAINING ITS FOUR MAJOR OBJECTIVES--(1) TO MAKE SIGNIFICANT, BUT PREVIOUSLY UNAVAILABLE R/D REPORTS EASILY AND READILY AVAILABLE TO EDUCATORS, (2) TO INTERPRET AND SUMMARIZE RESULTS IN WAYS THAT EDUCATIONAL PRACTITIONERS AND DECISION-MAKERS CAN USE THEM, (3) TO HELP STRENGTHEN EXISTING COMMUNICATION CHANNELS IN EDUCATION, AND (4) TO BECOME AN IMPORTANT BASE FOR DEVELOPING A NATIONAL EDUCATION INFORMATION NETWORK. ERIC IS A VIGOROUS PROGRAM, EVEN THOUGH IN ITS INFANCY. SALES DATA FOR RIE AND FOR DOCUMENTS FROM EDRS INDICATE THAT THE RESPONSE FROM THE EDUCATIONAL COMMUNITY IS ONLY AT THE TAKE-OFF POINT. ADDITIONAL DATA ARE NEEDED ON THE COST-EFFECTIVENESS OR TRADE-OFF VALUES OF DIFFERENT CLEARINGHOUSE ACTIVITIES. THIS AVENUE IS BEING PURSUED AND MORE REFINED EVALUATION DATA ARE EXPECTED TO BE AVAILABLE FOR ERIC OPERATIONS THROUGH FISCAL YEAR 1968. APPENDIXES GIVE DATA ON RIE SUBSCRIBERS AND CLEARINGHOUSE PUBLICATIONS. ED 020 450 IS A RELATED DOCUMENT, AN OUTLINE OF THE HISTORY OF ERIC AND SOME OF ITS MAJOR ACCOMPLISHMENTS TO DATE. (AUTHORJB)

ED 020 450 **AA 000 303**
BURCHINAL, LEE G.
ERIC–DEVELOPMENT THROUGH JUNE, 1968.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
PUB DATE OCT 68
EDRS PRICE MF-$0.25 HC-$0.84 19P.
DESCRIPTORS— *CLEARINGHOUSES, *EDUCATIONAL RESOURCES, *INFORMATION SERVICES, *INFORMATION SYSTEMS, *PROGRAM DEVELOPMENT, EDUCATIONAL RESEARCH, ERIC, INFORMATION DISSEMINATION, INFORMATION PROCESSING, INFORMATION RETRIEVAL, INFORMATION UTILIZATION, NETWORKS, PROGRAM COORDINATION, PROGRAM IMPROVEMENT,

THIS REPORT ON ERIC FOR THE FIRST SIX MONTHS OF 1968 DESCRIBES (1) STATUS OF TRENDS FROM 1967 AND EARLIER, (2) MAJOR CHANGES IN ERIC COMPONENTS, (3) GROWTH OF ERIC, (4) INCREASED USE AND IMPACT OF ERIC, AND (5) COMING DEVELOPMENTS. IT IS CONCLUDED THAT THE VALUES OF THE DECENTRALIZED PLAN OF OPERATION ARE DEMONSTRATED IN THE GROWING TIES AMONG CLEARINGHOUSE AND OTHER EDUCATIONAL ORGANIZATIONS AND BY THE INCREASING NUMBER OF INFORMATION ANALYSIS PRODUCTS GENERATED BY THE CLEARINGHOUSES. THE HISTORY OF ERIC FALLS IN THREE STAGES, WITH THE FIRST STAGE INVOLVING ESTABLISHMENT AND ORGANIZATION OF THE INTERNAL ERIC SYSTEM. DURING THE PAST YEAR THESE ACTIVITIES HAVE BECOME ROUTINIZED AND THE CLEARINGHOUSES HAVE BEGUN TO INCREASE INFORMATION ANALYSIS AND RELATED DISSEMINATION PROGRAMS. THIS STAGE IS ALSO WELL ESTABLISHED AND THE ERIC SYSTEM IS NOW REACHING ITS MATURE LEVEL OF OPERATION, WITH MORE ATTENTION BEING DEVOTED TO LINKING ERIC TO OTHER DISSEMINATION CHANNELS AND TO ENCOURAGING LOCAL, STATE, COLLEGE AND UNIVERSITY ORGANIZATIONS TO USE ERIC PRODUCTS AND SERVICES. APPENDIXES INCLUDE AN OUTLINE OF ERIC DEVELOPMENT FROM 1965 THROUGH 1967 AND A LIST OF SPECIAL ERIC COLLECTIONS AND RESOURCES. A RELATED DOCUMENT IS ED 020 499, AND EVALUATION OF ERIC THROUGH JUNE, 1968. (JB)

ED 020 451 **AA 000 304**
ROBERTS, ELLIS W. AND OTHERS
DATA PROCESSING CURRICULUM FOR EDUCATORS. FINAL REPORT.
COMMONWEALTH DEVELOPMENT ASSN., HARRISBURG, PA.
REPORT NUMBER BR-8-0449
PUB DATE SEP 68
GRANT OEG-0-8-080449-4426-010
EDRS PRICE MF-$1.25 HC-$11.28 280P.
DESCRIPTORS— *COMPUTER ORIENTED PROGRAMS, *CURRICULUM DEVELOPMENT, *ELECTRONIC DATA PROCESSING, *PROFESSIONAL CONTINUING EDUCATION, *TEACHER EDUCATION CURRICULUM, COBOL, COMMON BUSINESS ORIENTED LANGUAGE, COMPUTER ASSISTED INSTRUCTION, COMPUTER PROGRAMS, COMPUTERS, CURRICULUM, CURRICULUM GUIDES, DATA ANALYSIS, DATA COLLECTION, INFORMATION PROCESSING, INFORMATION RETRIEVAL, INFORMATION STORAGE, INFORMATION SYSTEMS, INSERVICE TEACHER EDUCATION, SYSTEMS APPROACH,

THIS CURRICULUM DESIGN COULD BE USED (QUITE POSSIBLY WITH INSERVICE TRAINING SESSIONS) BY AN INSTRUCTOR EXPERIENCED IN DATA PROCESSING TO FAMILIARIZE EDUCATORS WITH THE COMPUTER AND TO TEACH THEM A SYSTEMS APPROACH TO ITS USE IN THE FIELD OF EDUCATION. THE CURRICULUM CONSISTS OF AN OUTLINE OF THE POINTS TO BE COVERED IN EACH LESSON, SUPPLEMENTED BY A STATEMENT OF OBJECTIVES, AUDIO-VISUAL AID SUGGESTIONS, AND PRACTICAL CLASSROOM EXERCISES. TOPICS INCLUDE--A HISTORY OF DATA PROCESSING, DATA PREPARATION, COMPUTER HARDWARE AND CAPABILITIES, TEACHING USE OF COBOL (A COMPUTER LANGUAGE), PROBLEM-SOLVING TECHNIQUES, APPLICATIONS, CRITERIA FOR COMPUTER SELECTION, AND SOLUTION OF A PROBLEM THAT IS INDIVIDUAL IN NATURE. CLASSROOM AND LABORATORY TIME REQUIRED TO TEACH EACH OF THE PHASES OF THE CURRICULUM IS ESTIMATED, THE TOTAL ESTIMATE FOR THE CURRICULUM BEING 258 HOURS. A CASE STUDY OF VOTING BEHAVIOR IS USED TO DEMONSTRATE THE INTEGRATION OF SYSTEMS ANALYSIS AND PROGRAMING AND TO GIVE EXPERIENCE IN THEIR USE. A BRIEFLY ANNOTATED BIBLIOGRAPHY IS GIVEN BUT IS NOT CORRELATED BY PAGE OR VOLUME TO ANY PARTICULAR LESSON OR PART OF A LESSON. ADDITIONAL REFERENCES IN THE APPENDICES INDICATE PROFESSIONAL AND INDUSTRIAL SOURCES FOR COURSE INFORMATION AND AUDIO-VISUAL AIDS. (MJ)

ED 020 452 **AC 000 975**
AN ANALYSIS OF THE CHARACTERISTICS OF THE UNEMPLOYED AND UNDEREDUCATED AS THEY RELATE TO PROGRAM PLANNING FOR CONTINUING EDUCATION IN MODESTO, REVISED ADULT EDUCATION PROGRAM PLAN.
MODESTO JUNIOR COLL., CALIF.
PUB DATE DEC 63
EDRS PRICE MF-$0.50 HC-$3.16 77P.
DESCRIPTORS— *ADULT CHARACTERISTICS, *EDUCATIONAL NEEDS, *LOW INCOME GROUPS, *PROGRAM DEVELOPMENT, *UNEMPLOYED, AGE DIFFERENCES, AREA REDEVELOPMENT ADMINISTRATION, CALIFORNIA, CURRICULUM DEVELOPMENT, EDUCATIONAL BACKGROUND, EDUCATIONAL FACILITIES, EMPLOYMENT PATTERNS, ETHNIC GROUPS, HOUSING, INCOME, INSTRUCTIONAL STAFF, MODESTO, OCCUPATIONS, SOCIOECONOMIC INFLUENCES, STANISLAUS COUNTY, STATISTICAL DATA, SURVEYS,

IN THIS REVISED REPORT, CHARACTERISTICS OF LOW INCOME GROUPS IN THE MODESTO, CALIFORNIA, AREA ARE DESCRIBED AND AN EDUCATIONAL PROGRAM BASED ON IMMEDIATE EDUCATIONAL ATTACK ON THE PROBLEM ARE ASSESSED, A PROJECTED ADULT EDUCATION PROGRAM FOR THE SOUTH AND EAST MODESTO AREAS IS DEVELOPED, AND EFFORTS TO CARRY OUT EARLIER PROPOSALS ARE DESCRIBED. SUCH SOCIOECONOMIC DATA AS SEASONAL VERSUS FULL TIME EMPLOYMENT, THE EXTENT OF AGRICULTURAL AND OTHER EMPLOYMENT, WAGE AND EMPLOYMENT POTENTIAL, FAMILY AND INDIVIDUAL INCOME, PATTERNS OF WELFARE AID, RATES OF UNEMPLOYMENT, ETHNIC AND AGE GROUPS, AND HOUSING ARE GIVEN FOR MODESTO AND FOR STANISLAUS COUNTY. EDUCATIONAL LEVELS ARE INDICATED FOR ALL SOUTH AND EAST MODESTO RESIDENTS, AND FOR THOSE ENROLLED IN ADULT EDUCATION CLASSES, TOGETHER WITH THE ABOVE KINDS OF INFORMATION. ELEMENTS OF THE PROPOSED PROGRAM AND OUTCOMES TO TWO PROGRAMS (1963) FOR WELFARE RECIPIENTS ARE DESCRIBED. AN EXPERIMENTAL PROJECT PROPOSAL TO THE AREA REDEVELOPMENT ADMINISTRATION IS INCLUDED. THE DOCUMENT ALSO INCLUDES APPENDIXES, MAPS, TABLES, AND A LIST OF REFERENCES AND PERSONAL CONTACTS. (LY)

ED 020 453 **AC 001 012**
MICKIEWICZ, ELLEN PROPPER
SOVIET POLITICAL SCHOOLS, THE COMMUNIST PARTY ADULT INSTRUCTION SYSTEM.
PUB DATE 67
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ADULT EDUCATION PROGRAMS, *COMMUNISM, *NATIONAL PROGRAMS, *PROPAGANDA, *PUBLIC AFFAIRS EDUCATION, ADULT EDUCATORS, BIBLIOGRAPHIES, CENSORSHIP, CURRICULUM, DISCUSSION GROUPS, EVENING COLLEGES, INDEPENDENT STUDY, INSTRUCTIONAL MATERIALS, LEADERSHIP TRAINING, LEISURE TIME, POLITICAL ISSUES, PROGRAM ADMINISTRATION, SEMINARS, STUDY SKILLS, VOLUNTEERS,

A STUDY WAS MADE OF SOVIET ADULT POLITICAL EDUCATION MAINLY AS IT APPLIES TO RUSSIAN URBAN AREAS, WHERE THE SYSTEM IS MOST HIGHLY DEVELOPED. THIS SYSTEM, AN AGENCY FOR TRANSMITTING POLITICAL DOCTRINE, FORMS A PART OF THE VAST NETWORK OF FORMAL POLITICAL COMMUNICATION, WHICH INCLUDES THE MASS MEDIA, AGITATION, AND COMMUNIST PARTY LEADERSHIP TRAINING SCHOOLS. UNDER KHRUSCHEV, THE SYSTEM BECAME THE MOST IMPORTANT COMPONENT OF POLITICAL ACTIVITY. AN EXAMINATION OF THE HIERARCHY OF POLITICAL SCHOOLS, CIRCLES, AND THE EVENING UNIVERSITY OF MARXISM-LENINISM PROVIDES INSIGHT INTO THE ORGANIZATION, ADMINISTRATION, AND CHARACTER OF THE SYSTEM. IT IS CONCLUDED THAT, DESPITE FAULTS IN SUCH AREAS AS TEACHER AND STUDENT RECRUITMENT, INSTRUCTIONAL MATERIALS, AND SUPERVISORY AND TEACHING METHODS, ADULT POLITICAL INSTRUCTION WILL REMAIN A MAJOR FACTOR IN SOVIET POLITICAL COMMUNICATION. A SELECTED BIBLIOGRAPHY IS INCLUDED. THIS DOCUMENT IS AVAILABLE FROM THE YALE UNIVERSITY PRESS, 149 YORK STREET, NEW HAVEN, CONNECTICUT 06511. 196 PAGES. (LY)

ED 020 454 **AC 001 023**
ZACK, ARNOLD
LABOR TRAINING IN DEVELOPING COUNTRIES, A CHALLENGE IN RESPONSIBLE DEMOCRACY.
PUB DATE 64
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *DEVELOPING NATIONS, *EDUCATIONAL NEEDS, *LABOR EDUCATION, *LABOR UNIONS, *LEADERSHIP TRAINING, ADMISSION CRITERIA, AFRICA, ASIA, CURRICULUM, EDUCATIONAL OBJECTIVES, GOVERNMENT ROLE, INDIA, INTERNATIONAL ORGANIZATIONS, INTERNATIONAL PROGRAMS, ISRAEL, LATIN AMERICA, MEXICO, NATIONAL PROGRAMS, PHILIPPINES, PROGRAM DESCRIPTIONS, PROGRAM EVALUATION, PUERTO RICO, RESIDENTIAL CENTERS, SWITZERLAND, TEACHING TECHNIQUES, UGANDA, UNITED STATES,

THIS STUDY DISCUSSES THE POLITICAL AND SOCIOECONOMIC ROLE OF TRADE UNIONS IN DEVELOPING NATIONS, EDUCATIONAL AND TRAINING NEEDS OF UNIONISTS, LEADERSHIP TRAINING METHODS (OVERSEAS TOURS, REGIONAL COURSES, RESIDENTIAL PROGRAMS), ORGANIZATIONAL PROBLEMS, CURRICULUM PLANNING, EFFECTS OF SPONSOR OBJECTIVES, THE SELECTION OF STAFF AND PARTICIPANTS, TRAINING METHODOLOGY, EVALUATION PROCEDURES, PROGRAM IMPACTS, AND WAYS OF IMPROVING UNION AND GOVERNMENTAL COOPERATION. IT IS SUGGESTED THAT COOPERATION BY BUSINESS, GOVERNMENTAL, AND OTHER EMPLOYEES TO MAINTAIN AND SUPPORT REGIMES AIMED AT RESPONSIBLE CONSTITUTIONAL DEVELOPMENT MAY PRODUCE CONDITIONS CONDUCIVE TO CONSTRUCTIVE AND FREE TRADE UNIONS IN DEVELOPING NATIONS. APPENDIXES DESCRIBE PROGRAMS IN INDIA, PURETO RICO, THE UNITED STATES, THE PHILIPPINES, ISRAEL, MEXICO, UGANDA, AND GENEVA (SWITZERLAND). THIS DOCUMENT IS AVAILABLE FROM FREDERICK A. PRAEGER, NEW YORK. 198 PAGES. (LY)

ED 020 455 **AC 001 835**
STEVENS, GLENN Z.
CONTINUING EDUCATION OF ADULTS.
PUB DATE 67
EDRS PRICE MF-$0.25 HC-$1.08 25P.
DESCRIPTORS— *ADULT FARMER EDUCATION, *FARM MANAGEMENT, *OFF FARM AGRICULTRUAL OCCUPATIONS, AGRICULTURAL TECHNICIANS, FARM VISITS, GROUPING (INSTRUCTIONAL PURPOSES), GUIDANCE SERVICES, INDIVIDUAL INSTRUCTION, JOB PLACEMENT, LEADERSHIP, ON THE JOB TRAINING, SCHOOL COMMUNITY RELATIONSHIP, SURVEYS, TECHNICAL EDUCATION, VOCATIONAL AGRICULTURE TEACHERS, YOUNG FARMERS ASSOCIATION,

AGRICULTURAL EDUCATION FOR FARMERS, ORIGINALLY CLASSROOM INSTRUCTION, HAS BEEN REDESIGNED TO COMBINE ON THE JOB INSTRUCTION WITH CLASS ATTENDANCE. LOCATED IN SCHOOL DISTRICTS HAVING CONCENTRATIONS OF COMMERCIAL FARMS, MOST PROGRAMS STRESS MANAGEMENT EDUCATION AND TECHNOLOGICAL TRAINING. INDIVIDUAL INSTRUCTION TAKES PLACE DURING FARM VISITS AND A SURVEY HELPS DIAGNOSE PROBLEMS AND GUIDE THE FARMER'S ACTIVITIES. CLASSES ARE FORMED WHEN COMMON NEEDS OF TEN OR MORE FARMERS ARE IDENTIFIED AND INDIVIDUALIZED INSTRUCTION IS PROVIDED. TECHNICAL EDUCATION FOR OFF FARM OCCUPATIONS IS PROVIDED BY EMPLOYERS OR BY PROFESSIONAL ASSOCIATIONS, IN CLASSES AND ON THE JOB. THE YOUNG FARMERS ASSOCIATION GIVES LEADERSHIP EXPERIENCE IN IMPROVED FAMILY AND COMMUNITY LIVING. NEW COURSES IN OFF FARM AGRICULTURAL OCCUPATIONS MAY BECOME A MAJOR RESPONSIBILITY OF AREA SCHOOLS PROVIDED BY THE VOCATIONAL EDUCATION ACT OF 1963. FOR AGRICULTURAL TECHNICIANS, PRIMARY PROGRAM EMPHASIS SHOULD BE ON THE UNDERLYING SCIENCES AND GUIDANCE AND PLACEMENT SERVICES BECOME INCREASINGLY IMPORTANT AS EMPLOYMENT DEMANDS RISE. THIS DOCUMENT IS CHAPTER 5 IN AGRICULTURAL EDUCATION BY GLENN Z. STEVENS AND PUBLISHED BY THE CENTER FOR APPLIED RESEARCH IN EDUCATION, INC., NEW YORK. (PT)

ED 020 456 **AC 002 003**

GEORGE, JAMES DALTON

THE INFLUENCE OF SELECTED FACTORS ON THE NORTH CAROLINA COUNTY EXTENSION WORKER'S DEFINITION OF THE ROLE OF COOPERATIVE EXTENSION.

FLORIDA ST. UNIV., TALLAHASSEE

PUB DATE DEC 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EXTENSION AGENTS, *INDIVIDUAL CHARACTERISTICS, *ROLE PERCEPTION, *RURAL EXTENSION, AGRICULTURAL EDUCATION, ANALYSIS OF VARIANCE, BEHAVIOR CHANGE, COLLEGE MAJORS, COOPERATIVE EXTENSION SERVICE, COUNSELING SERVICES, NORTH CAROLINA, RATING SCALES, RESEARCH, SOCIAL SCIENCES, STATISTICAL DATA, TEACHING METHODS, UNDERGRADUATE STUDY,

THE PURPOSE OF THIS NORTH CAROLINA STUDY WAS TO ASSESS THE RELATIONSHIP BETWEEN SELECTED ASPECTS OF COUNTY EXTENSION AGENTS' BACKGROUND AND EXPERIENCE (MAINLY COLLEGE MAJORS AND PARTICIPATION IN COURSES ON EXTENSION METHODS) AND THEIR DEFINITION OF THE ROLE OF COOPERATIVE EXTENSION. RESPONDENTS WERE 334 AGENTS REPRESENTING 99 OF THE 100 COUNTIES OF THE STATE. ROLE DEFINITIONS, AS MEASURED BY A RATING SCALE, FORMED A CONTINUUM RANGING FROM PRIMARY STRESS ON AGRICULTURAL EDUCATION TO A PERCEPTION OF BROAD ADULT EDUCATION RESPONSIBILITY TOWARD FARM, RURAL NONFARM, AND URBAN DWELLERS. A RELATED VARIABLE INVOLVED A CONTINUUM RANGING FROM EMPHASIS ON OVERALL BEHAVIOR CHANGE TO EMPHASIS ON TECHNICAL AGRICULTURAL ADVISORY SERVICE ONLY (SOCIAL SCIENCE VERSUS AGRICULTURAL SCIENCE). POSITIVE RELATIONSHIPS WERE OBTAINED BETWEEN THE BROADER VIEW OF COOPERATIVE EXTENSION AND THE VARIABLES OF COLLEGE MAJORS, METHODS COURSE PARTICIPATION AND SOCIAL SCIENCE ORIENTATION, AND BETWEEN EDUCATIONAL EXPERIENCES AND SOCIAL SCIENCE ORIENTATION. VARIOUS IMPLICATIONS FOR PROGRAM ADMINISTRATION, PLANNING, AND FURTHER RESEARCH WERE DERIVED. (THE DOCUMENT INCLUDES 20 TABLES, FOUR DIAGRAMS, AND 62 REFERENCES.) THIS DOCUMENT WILL BE AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICH. 180 PAGES. (LY)

ED 020 457 **AC 002 044**

MENZEL, HERBERT AND OTHERS

THE EFFECTIVENESS OF THE TELEVISED CLINICAL SEMINARS OF THE NEW YORK ACADEMY OF MEDICINE.

PUB DATE AUG 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EXPERIMENTAL PROGRAMS, *OPEN CIRCUIT TELEVISION, *PHYSICIANS, *PROFESSIONAL CONTINUING EDUCATION, AUDIENCES, CLINICAL DIAGNOSIS, INFORMATION SEEKING, METROPOLITAN AREAS, PROFESSIONAL JOURNALS, PROGRAM EVALUATION, READING HABITS, SEMINARS, SPECIALISTS, SURVEYS, TELEVISION VIEWING,

IN 1963 THE NEW YORK ACADEMY OF MEDICINE, WITH THE NEW YORK CITY MUNICIPAL BROADCASTING SYSTEM, INAUGURATED AN EXPERIMENTAL PROGRAM OF WEEKLY ONE-HOUR TELEVISED CLINICAL SCIENCE SEMINARS TO EXPLORE THE ACCEPTABILITY AND EFFECTIVENESS OF OPEN-CIRCUIT TELEVISION AS AN ADDITIONAL MEDIUM OF CONTINUING MEDICAL EDUCATION IN A LARGE METROPOLITAN AREA. THIS REPORT PRESENTS FINDINGS OF THREE AUDIENCE SURVEYS CONDUCTED BY THE ACADEMY AND THE BUREAU OF APPLIED SOCIAL RESEARCH OF COLUMBIA UNIVERSITY AND PRESENTS RESULTS OF A SUBSEQUENT STUDY OF THE EFFECTIVENESS OF THE PROGRAM. THERE WAS A STEADILY GROWING AUDIENCE FOR THE WEEKLY BROADCAST, 408 IN PRIVATE PRACTICE ALONE ESTIMATED AS AVERAGE IN JANUARY 1964. THE EFFECTIVENESS IN RAISING INFORMATION LEVELS OF VIEWERS DIFFERED GREATLY FROM PROGRAM TO PROGRAM AND ALSO ACCORDING TO INITIAL EDUCATION-SPECIALIZATION LEVEL. BENEFITS MAY LIE IN REFRESHING KNOWLEDGE, STIMULATING FURTHER SEARCH, SHORING UP EXISTING KNOWLEDGE, AND IMPARTING SENSE OF JUDGMENT. (INCLUDED IN THE DOCUMENT ARE 17 TABLES AND THE TEXT OF TEST QUESTIONS.) THIS ARTICLE APPEARED IN THE BULLETIN OF THE NEW YORK ACADEMY OF MEDICINE, SECOND SERIES, VOLUME 42, NUMBER 8. (RT)

ED 020 458 **AC 002 069**

STANBURY, ROBERT

ELEVENTH REPORT OF THE STANDING COMMITTEE ON BROADCASTING, FILMS AND ASSISTANCE TO THE ARTS.

CANADIAN HOUSE OF COMMONS, OTTAWA (ONTARIO)

REPORT NUMBER R-11

EDRS PRICE MF-$0.25 HC-$1.24 29P.

DESCRIPTORS— *BROADCAST INDUSTRY, *LEGISLATION, *POWER STRUCTURE, *PUBLIC POLICY, *TELEVISION, CANADIAN BROADCASTING CORPORATION, FINANCIAL POLICY, NATIONALISM, PHYSICAL FACILITIES, SUPERVISION,

IN ITS ELEVENTH REPORT THE CANADIAN HOUSE OF COMMONS' STANDING COMMITTEE ON BROADCASTING, FILMS AND ASSISTANCE TO THE ARTS STATES ITS POSITION VIS-A-VIS THE WHITE PAPER ON BROADCASTING REFERRED TO IT IN NOVEMBER 1966. IT PROPOSES TO INTRODUCE NEW LEGISLATION ON THE GENERAL LINES SET OUT IN THE PAPER. IT LISTS THE ORGANIZATIONS AND PERSONS WHO SPOKE TO THE COMMITTEE OR SENT BRIEFS. IT EXPRESSES THE CONVICTION THAT TELEVISION SHOULD BE AN EFFECTIVE INSTRUMENT FOR FOSTERING NATIONAL CONSCIOUSNESS AND STRENGTHENING NATIONAL UNITY AND THAT PARLIAMENT SHOULD DEFINE THE PUBLIC INTEREST, ENUNCIATE NATIONAL POLICY, CREATE A VIABLE STRUCTURE WITHIN WHICH THE SERVICE CAN BE ASSURED, BUT NOT BE INVOLVED IN THE SUPERVISION. ITS POSITION IS EXPRESSED REGARDING SUCH MATTERS AS REGULATORY AUTHORITY, STRUCTURE OF THE BROADCASTING SYSTEM, PENALTIES, OWNERSHIP OF FACILITIES, AND FINANCIAL PROVISION. IT WOULD HAVE THE BOARD OF BROADCAST GOVERNORS RESPONSIBLE FOR AMPLIFIYING BROAD PRINCIPLES LAID DOWN BY PARLIAMENT AND FOR ARBITRATING DISPUTES AND THE CANADIAN BROADCASTING CORPORATION RESPONSIBLE FOR DECISION MAKING IN CARRYING OUT PUBLIC POLICY THROUGH BROADCASTING. IT WOULD ALLOW FOR PRIVATE BROADCASTING FACILITIES AND FOR PROVISION OF ALTERNATIVES TO ENSURE EXTENSION OF FULL NETWORK SERVICE IN BOTH ENGLISH AND FRENCH. (RT)

ED 020 459 **AC 002 074**

LORING, ROSALIND KOLAN

A SURVEY OF "SPECIAL" EDUCATIONAL PROGRAMS FOR ADULT WOMEN IN UNIVERSITY EXTENSION DIVISIONS AND EVENING COLLEGES.

CALIFORNIA UNIV., LOS ANGELES

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EVENING COLLEGES, *NATIONAL SURVEYS, *UNIVERSITY EXTENSION, *WOMENS EDUCATION, COUNSELING SERVICES, CREDIT COURSES, ENROLLMENT, FEMALES, INTERVIEWS, LIBERAL ARTS, MASTERS THESES, NEW SCHOOL FOR SOCIAL RESEARCH, NONCREDIT COURSES, NORTHEASTERN UNIVERSITY, PARTICIPANT CHARACTERISTICS, PERSONAL GROWTH, PUBLICIZE, QUESTIONNAIRES, RADCLIFFE COLLEGE, ROOSEVELT UNIVERSITY, STATUS, UNIVERSITY OF UTAH,

TO DISCOVER TRENDS AND INNOVATIONS IN SPECIAL PROGRAMS FOR MATURE WOMEN OFFERED BY UNIVERSITY EXTENSION DIVISIONS AND EVENING COLLEGES, QUESTIONNAIRES WERE SENT TO 216 INSTITUTIONS (157 RESPONDED) AND AN INTERVIEW SCHEDULE WAS USED IN PERSONAL VISITS TO FIVE INSTITUTIONS. OF THE 157 SCHOOLS, 93 SCHEDULED PROGRAMS FOR ADULT WOMEN RANGING FROM COLLEGE CREDIT AND NONCREDIT LIBERAL ARTS DAYTIME COURSES TO SPECIALLY DESIGNED COURSES DEEMED OF INTEREST TO WOMEN, ACTIVITIES CONCENTRATING ON THE STATUS OF WOMEN TODAY, AND TO THE LARGEST CATEGORY OF OCCUPATIONAL IMPROVEMENT. INDIVIDUAL AND GROUP COUNSELING WAS USUALLY AVAILALBE, BUT PROGRAM RESEARCH WAS NOT PART OF ANY LISTED PROGRAM. ENROLLEES WERE CAUCASIAN, MIDDLE CLASS SOCIALLY AND ECONOMICALLY, WITH COLLEGE AND COMMUNITY ORGANIZATION EXPERIENCE. ALTHOUGH THE ENROLLMENT VARIED FROM 50 TO 1,000 PER YEAR, NO PROGRAM WAS ENTIRELY SELF-SUPPORTING NOR COMPLETELY SUBSIDIZED. ALL KINDS OF PROMOTION WERE USED, BUT THE PRINTED ANNOUNCEMENT AND WORD OF MOUTH WERE MOST DEPENDED UPON. PROGRAM MATERIALS WERE PRIMARILY WRITTEN, AND DESIGNED OR COLLECTED FOR THE SPECIFIC PROJECT. THIS DOCUMENT IS AVAILABLE FROM CALIFORNIA UNIVERSITY AT LOS ANGELES. 116 PAGES. (AUTHOR/AJ)

ED 020 460 **AC 002 086**

UTTERBACK, WILLIAM E.

GROUP THINKING AND CONFERENCE LEADERSHIP. REVISED EDITION.

PUB DATE 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CONFERENCES, *GROUP DISCUSSION, *INFORMAL LEADERSHIP, DISCUSSION (TEACHING TECHNIQUE), GROUP STRUCTURE, LARGE GROUP INSTRUCTION, LOGICAL THINKING, PROBLEM SOLVING, RADIO, TELEVISION,

REVISED TO INCLUDE UP-TO-DATE MATERIALS, THIS BOOK IS CONCERNED WITH COOPERATIVE THINKING AS A DEMOCRATIC PROCEDURE. IT IS ADDRESSED TO ALL WHO PARTICIPATE IN OR LEAD INFORMAL DISCUSSION IN SMALL GROUPS–COMMITTEES, STAFF MEETINGS, BOARDS, AND COUNCILS–AND TREATS IN DETAIL DISCUSSION IN THE CLASSROOM, RADIO AND TELEVISION, THE BUSINESS CONFERENCE, AND THE COMMUNITY ROUND TABLE. THE FIRST SECTION PRESENTS THOSE GENERAL PRINCIPLES APPLICABLE TO ALL

DISCUSSION INVOLVING GROUP THINKING. THE SECOND CONSIDERS SOME OF THE LOGICAL AND PSYCHOLOGICAL ASPECTS OF THINKING WITH SPECIAL REFERENCE TO PREPARING FOR AND PARTICIPATING IN DISCUSSION. THE THIRD DEALS WITH THE SPECIAL PROBLEMS ENCOUNTERED IN SEVERAL TYPICAL DISCUSSION SITUATIONS. THE APPENDIX INCLUDES 71 CASE PROBLEMS FOR CLASSROOM USE, SUGGESTIONS FOR THE ORGANIZATION OF COURSES IN DISCUSSION, AND TWO RADIO PANEL DISCUSSIONS WHICH DEMONSTRATE PRINCIPLES AND TECHNIQUES ANALYZED IN THE TEXT. THIS DOCUMENT IS AVAILABLE FROM HOLT, RINEHART AND WINSTON, INC., 383 MADISON AVE., NEW YORK 10017. 244 PAGES. (AJ)

ED 020 461 **AC 002 102**

BROWNE, RICHARD G.

EXTENSION SERVICES, TELEVISION INSTRUCTION, AND RESEARCH IN VIRGINIA'S INSTITUTIONS OF HIGHER EDUCATION. STAFF REPORT NO. 7.

VIRGINIA STATE EDUCATION STUDY COMMISSION,RICHMOND

REPORT NUMBER SR-7

PUB DATE 65

EDRS PRICE MF-$0.50 HC-$3.88 95P.

DESCRIPTORS— *HIGHER EDUCATION, *RESEARCH, *STATE SURVEYS, *TELEVISED INSTRUCTION, *UNIVERSITY EXTENSION, ADVISORY COMMITTEES, CLOSED CIRCUIT TELEVISION, COLLEGE FACULTY, COMMUNITY COLLEGES, CORRESPONDENCE STUDY, EVENING CLASSES, INTERINSTITUTIONAL COOPERATION, NONCREDIT COURSES, OFF CAMPUS FACILITIES, STATE UNIVERSITIES, STATISTICAL DATA, UNITS OF STUDY (SUBJECT FIELDS), VIRGINIA,

RECOMMENDATIONS ON VIRGINIA UNIVERSITY ACTIVITIES IN THE AREAS OF EXTENSION SERVICES, EDUCATIONAL TELEVISION, AND RESEARCH ARE PROPOSED. EXTENSION SERVICES (INCLUDING COMMUNITY AND TECHNICAL COLLEGES AND UNIVERSITY BRANCHES) NOW ADMINISTERED BY SPONSORING INSTITUTIONS, SHOULD BE COORDINATED AT THE STATE LEVEL. STATE CONTROLLED FOUR-YEAR INSTITUTIONS, ESPECIALLY THOSE LOCATED IN CITIES, SHOULD EXPAND THEIR ON-CAMPUS OFFERINGS DURING EVENINGS AND ON SATURDAYS. ALL NEW CLASSROOM BUILDINGS OUGHT TO BE EQUIPPED FOR THE TRANSMISSION AND RECEPTION OF TELEVISED INSTRUCTIONAL PROGRAMS, EITHER LIVE OR FROM VIDEOTAPES. VIRGINIA SHOULD CONTINUE TO COOPERATE WITH THE SOUTHERN REGIONAL EDUCATION BOARD IN ITS WORK RELATING TO OPEN CIRCUIT EDUCATIONAL TELEVISION. EACH STATE-CONTROLLED INSTITUTION SHOULD PROVIDE FUNDS FOR INSTITUTIONAL RESEARCH AND THOSE HAVING 3,000 STUDENTS OUGHT TO HAVE AT LEAST ONE FULL-TIME PROFESSIONAL PERSON RESPONSIBLE FOR COORDINATING RESEARCH. DEPARTMENTAL RESEARCH OUGHT NOT BE BLANKETED IN THE BUDGET WITH INSTRUCTION THROUGH AN OVERALL REDUCTION OF FACULTY TEACHING LOADS, BUT EACH INSTITUTION SHOULD DETERMINE A DESIRABLE TEACHING LOAD AND THEN ALLOT TO DESIGNATED FACULTY MEMBERS RELEASED TIME AND/OR GRANTS FOR RESEARCH. CEILINGS FOR TOP SALARIES SHOULD BE RAISED TO ATTRACT A FEW OUTSTANDING RESEARCH SCHOLARS. (DOCUMENT INCLUDES 15 TABLES AND A MAP.) (AJ)

ED 020 462 **AC 002 138**

GAINES, EDITH AND OTHERS

TEACHER ASSISTANT TRAINING PROGRAM, DESCRIPTION OF PROGRAM AND RESULTS AND CURRICULUM GUIDE. FINAL REPORT.

CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO

CUYAHOGA COUNTY WELFARE DEPT., CLEVELAND, OHIO

PUB DATE 67

EDRS PRICE MF-$0.50 HC-$4.44 109P.

DESCRIPTORS— *CURRICULUM GUIDES, *SUBPROFESSIONALS, *TEACHER AIDES, *TRAINING TECHNIQUES, *WELFARE RECIPIENTS, ART, CHILD DEVELOPMENT, CLEVELAND, COUNSELING, ELEMENTARY GRADES, FEMALES, FIELD EXPERIENCE PROGRAMS, MATHEMATICS, MOTIVATION, PERSONNEL EVALUATION, PROGRAM LENGTH, SALARIES, SCIENCES, SENIOR TEACHER ROLE, SMALL GROUP INSTRUCTION, SOCIAL STUDIES, SPECIAL HEALTH PROBLEMS, SPEECH SKILLS, TEACHER ATTITUDES, TEACHER ORIENTATION, VISION TESTS,

THE TEACHER ASSISTANT TRAINING PROGRAM WAS A JOINT EFFORT BY CASE WESTERN RESERVE UNIVERSITY, CUYAHOGA COUNTY WELFARE DEPARTMENT, AND THE CLEVELAND BOARD OF EDUCATION TO TRAIN 80 WELFARE CLIENTS, IN A FIVE MONTH PROGRAM, AS ELEMENTARY SCHOOL TEACHER AIDES IN THE CLEVELAND SCHOOL SYSTEM, TO ENABLE THEM TO BECOME SELF SUPPORTING, AND TO DEVELOP AND TEST A TRAINING CURRICULUM. THE PROGRAM CONSISTED OF 17 HOURS A WEEK OF FIELD WORK IN A CLASSROOM AND 10-12 HOURS A WEEK IN SMALL GROUP INSTRUCTION AT THE UNIVERSITY. TRAINEES WERE DIVIDED INTO EIGHT GROUPS, EACH SUPERVISED BY A CORE LEADER, TO INTEGRATE FIELD AND CLASSROOM LEARNING AND TO BUILD MORALE AND SELF CONFIDENCE. THERE WAS AN ORIENTATION PROGRAM FOR FIELD PLACEMENT TEACHERS AND CORE LEADERS. CLASSROOM TEACHERS AND CORE LEADERS EVALUATED THE TRAINEES. IT WAS RECOMMENDED THAT THE PROGRAM BE INCREASED TO NINE MONTHS AND THAT SPECIAL EMPHASIS BE PLACED ON HEALTH, CHILD CARE, AND COUNSELING SERVICES. (SUGGESTED ACTIVITIES FOR CLASSROOM AIDES, VISION TESTS AND EYE EXERCISES, AND THE FIELD PLACEMENT RATING SCALE ARE GIVEN. THE CURRICULUM FOR ART, CLERICAL SKILLS, CHILD DEVELOPMENT, LANGUAGE ARTS, SOCIAL STUDIES, SCIENCE, AND MATHEMATICS IS OUTLINED. APPENDIXES INCLUDE RECOMMENDED MOVIES, CLASSROOM TASKS, GUIDELINES FOR OBSERVATION, ROLE RELATIONSHIPS, AND LIP AND TONGUE EXERCISES. DOCUMENT INCLUDES SEVEN TABLES.) (AJ)

ED 020 463 **AC 002 140**

MCMAHON, ERNEST E.

REALITY AND THE AUEC.

ASSOCIATION OF UNIVERSITY EVENING COLLEGES

PUB DATE NOV 67

EDRS PRICE MF-$0.25 HC-$0.60 13P.

DESCRIPTORS— *ADMINISTRATOR RESPONSIBILITY, *COMMUNITY INVOLVEMENT, *EVENING COLLEGES, *PUBLIC OPINION, *TUITION, COLLEGE FACULTY,

EVENING COLLEGE OFFICIALS HAVE RESPONSIBILITY WITHIN THE ACADEMIC WORLD TO MAKE AVAILABLE TO PART TIME STUDENTS THE SAME QUALITY AND QUANTITY OF SERVICES PROVIDED FULL TIME STUDENTS. EVENING STUDENTS SHOULD NOT PAY LARGER PORTIONS OF TUITION INCOME THAN MORE ECONOMICALLY FORTUNATE REGULAR STUDENTS. AN INSTITUTION'S REPUTATION DEPENDS UPON OTHER SCHOLARS' OPINIONS OF ITS SCHOLARS, SO INVOLVEMENT OF FULL TIME FACULTY MEMBERS IS NEEDED TO PLAN AND STAFF PROGRAMS, TO PROVIDE REPUTATIONS FOR EXCELLENCE. TO FULFILL ITS MISSION AS THE GREAT EQUALIZER IN AMERICA, THE EVENING COLLEGE MUST FIND WAYS TO COMMUNICATE WITH THE MAN IN THE GHETTO AND MUST MEET EDUCATIONAL NEEDS OF THAT NEW CLIENTELE. ADMINISTRATORS SHOULD BECOME OPINION MOLDERS, BUT TOO MUCH MANAGING LEAVES LITTLE TIME FOR REFLECTION OR DELIBERATE INTERVENTION IN COMMUNITY LIFE. ALSO ADMINISTRATORS MUST REACT AGAINST PASSIVE ACCEPTANCE OF HIPPIES AS "NONCONFORMISTS" AND APPLY COUNTER-PRESSURES OF MATURITY TO TRANSMIT THE ACCUMULATED WISDOM OF THE AGES. (RT)

ED 020 464 **AC 002 154**

BARNES, ROBERT F. AND OTHERS

ADULT BASIC EDUCATION.

NATIONAL COUNCIL OF TEACHERS OF ENG.,CHAMPAIGN,ILL

PUB DATE 65

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ADULT BASIC EDUCATION, *DISADVANTAGED GROUPS, *ILLITERATE ADULTS, *INSTRUCTIONAL MATERIALS, *PROGRAM EVALUATION, ADULT COUNSELING, EDUCATIONAL NEEDS, EDUCATIONAL OBJECTIVES, LEARNING MOTIVATION, PARTICIPANT CHARACTERISTICS, RESEARCH NEEDS, SELF ACTUALIZATION, TEACHER EDUCATION, TEACHER QUALIFICATIONS, VOCATIONAL DEVELOPMENT,

IN 1965, THE TASK FORCE ON TEACHING ENGLISH TO THE DISADVANTAGED TRIED TO IDENTIFY THE PROBLEMS IN THE FIELD OF ADULT BASIC BY VISITING 35 PROGRAMS IN 15 STATES AND COLLECTING SOME 1,300 PIECES OF INSTRUCTIONAL MATERIAL. AMONG THE PROBLEMS OBSERVED WERE THE LACK OF WRITTEN OPERATIONAL OBJECTIVES DESIGNED AROUND THE STUDENTS' GOALS AND NEEDS, BROAD AND HETEROGENEOUS CLASS STRUCTURE, TEACHERS RECRUITED FROM ELEMENTARY, SECONDARY, AND RETIRED TEACHERS, AND MARRIED WOMEN, AND AN AIR OF COMPLACENCY TOWARD THE PROGRAM. PARTICULARLY, THERE IS A NEED TO FIELD TEST AVAILABLE MATERIALS AND TO PROVIDE ADEQUATE EDUCATION FOR TEACHERS. TEACHERS SHOULD KNOW THE ECONOMIC, FAMILY, SOCIAL, AND PSYCHOLOGICAL BARRIERS FOR THE DISADVANTAGED AND THEIR REASONS FOR ATTENDING CLASSES. A TRAINING INSTITUTE OF A MINIMUM DURATION OF EIGHT WEEKS COULD COVER BOTH THE THEORETICAL AND PRACTICAL ASPECTS NEEDED. IT IS NECESSARY TO RECRUIT STUDENTS ON A PERSON-TO-PERSON BASIS, THERE SHOULD BE HOMOGENEOUS GROUPING IN CLASSES, INDIVIDUAL INSTRUCTION, SPECIALLY PREPARED MATERIALS, TRAINING FOR TEACHING ENGLISH AS A SECOND LANGUAGE, AND ADEQUATE GUIDANCE. THIS ARTICLE APPEARED IN LANGUAGE PROGRAMS FOR THE DISADVANTAGED, PUBLISHED BY, AND AVAILABLE FROM, THE NATIONAL COUNCIL OF TEACHERS OF ENGLISH, 508 SOUTH SIXTH STREET, CHAMPAIGN, ILLINOIS. 61822. 26PAGES. (EB)

ED 020 465 **AC 002 157**

POLAND--FURTHER DEVELOPMENT OF EDUCATION FOR WORKERS.

JOINT PUBLICATION RESEARCH SERVICE, WASHINGTON,D.C

REPORT NUMBER TT-67-33869

REPORT NUMBER JPRS-43245

PUB DATE 06 NOV 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ADULT BASIC EDUCATION, *EDUCATIONAL NEEDS, *ENROLLMENT TRENDS, *SECONDARY EDUCATION, *VOCATIONAL EDUCATION, ADULT STUDENTS, CORRESPONDENCE STUDY, EVENING CLASSES, NATIONAL PROGRAMS, ORGANIZATIONS (GROUPS), POLAND, STATISTICAL DATA, SURVEYS, TECHNICAL EDUCATION, VOCATIONAL RETRAINING,

THIS REVIEW OF CURRENT (1967-68) PROVISIONS FOR THE CONTINUING EDUCATION OF WORKERS IN POLAND STRESSES ENROLLMENT TRENDS AND AREAS OF NEED IN ADULT BASIC EDUCATION, SECONDARY EDUCATION IN EVENING CLASSES AND CORRESPONDENCE COURSES OFFERED BY THE GENERAL LYCEUMS, FORMAL VOCATIONAL EDUCATION (NOW LARGELY THROUGH ELEMENTARY AND TECHNICAL SCHOOLS), AND OUT OF SCHOOL VOCATIONAL EDUCATIONAL PROGRAMS UNDER THE AUSPICES OF SOCIAL ORGANIZATIONS, EDUCATIONAL ASSOCIATIONS, AND THE NATIONAL GOVERNMENT. FIVE TABLES ARE INCLUDED. THIS DOCUMENT, NUMBER 480, APPEARED AS AN UNSIGNED ARTICLE IN SZKOLA ZAWODOWA, NUMBER 718, WARSAW, JULY-AUGUST 1967. TRANSLATED, AS PART OF JPRS-43245,

IT IS AVAILABLE FROM THE CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION, SPRINGFIELD, VIRGINIA 22151. MICROFICHE $.65. HARDCOPY $3.00. 9 PAGES. (LY)

ED 020 466 **AC 002 159**
SCHWARZ, FRED R. AND OTHERS
EFFECTS OF MANAGEMENT DEVELOPMENT ON MANAGER BEHAVIOR AND SUBORDINATE PERCEPTION.
PUB DATE 68
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ADMINISTRATOR ROLE, *BEHAVIOR CHANGE, *MANAGEMENT DEVELOPMENT, *ROLE PERCEPTION, *SUPERVISORY TRAINING, ADMINISTRATOR ROLE, CRITICAL INCIDENTS METHOD, GOAL ORIENTATION, INSURANCE COMPANIES, LEADERSHIP STYLES, RATING SCALES, RESEARCH, WORKSHOPS,
AS A RESULT OF COOPERATIVE PLANNING BETWEEN THE UNIVERSITY OF WISCONSIN MANAGEMENT INSTITUTE AND A LARGE INSURANCE COMPANY, 57 TOP MANAGERS WERE GIVEN A TWO UNIT MANAGEMENT DEVELOPMENT PROGRAM. GROUP B BEGAN TRANING FIVE MONTHS AFTER GROUP A. THE WORKSHOP SESSIONS INCLUDED DISCUSSIONS, CASE STUDIES, BUZZ GROUPS, AND ROLE PLAYING. IN PHASE ONE, WHICH MEASURED THE AMOUNT AND KIND OF BEHAVIOR CHANGE AND SUBORDINATES' PERCEPTION OF CHANGE, SUBORDINATES OF THE TRAINED SUPERVISORS COMPLETED THE LEADERSHIP BEHAVIOR DESCRIPTION QUESTIONNAIRE. IN PHASE TWO, ALL PARTICIPANTS WERE INTERVIEWED BY MEANS OF THE OPEN-ENDED CRITICAL INCIDENT TECHNIQUE. GROUP A MANAGERS WERE LESS PRODUCTION CENTERED AND LESS ORIENTED TOWARD THEIR SUPERIORS, WHICH SUGGESTS GREATER CONCERN ON THEIR PART WITH GOOD WORKER RELATIONSHIPS OR WITH ESTABLISHING A CLIMATE CONDUCTIVE TO BETTER PRODUCTION. GROUP B MANAGERS WERE PERCEIVED AS BECOMING MORE ACTIVE, DEFINING TASKS MORE CLEARLY, AND STRESSING PRODUCTION. GROUP A TRAINING MAY HAVE AFFECTED GROUP B BECAUSE OF DAILY CONTACTS BETWEEN GROUPS. THIS DOCUMENT APPEARED IN TWO PARTS IN TRAINING AND DEVELOPMENT JOURNAL, VOLUME 22, NUMBERS 4 AND 5, APRIL AND MAY, 1968. 16 PAGES. (LY)

ED 020 467 **AC 002 162**
PERRATON, HILARY D.
ELEVEN BROADCASTING EXPERIMENTS.
PUB DATE FEB 68
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *CORRESPONDENCE STUDY, *EDUCATIONAL RADIO, *EDUCATIONAL TELEVISION, *EXPERIMENTAL PROGRAMS, *MULTIMEDIA INSTRUCTION, ENGLAND, ESTIMATED COSTS, FLEXIBLE SCHEDULING, INSTRUCTIONAL MATERIALS, STUDENT ATTITUDES, VIEWING TIME,
A REVIEW IS MADE OF EXPERIMENTAL COURSES COMBINING THE USE OF RADIO, TELEVISION, AND CORRESPONDENCE STUDY AND GIVEN BY THE NATIONAL EXTENSION COLLEGE IN ENGLAND. COURSES INCLUDED ENGLISH, MATHEMATICS, SOCIAL WORK, PHYSICS, STATISTICS, AND COMPUTERS. TWO METHODS OF LINKING CORRESPONDENCE COURSES TO BROADCASTS WERE USED--IN MATHEMATICS AND SOCIAL WORK COURSES, EACH LESSON AND WORKSHEET WERE RELATED TO A SPECIFIC TELEVISION LESSON WHILE IN ENGLISH, GEOGRAPHY, AND PHYSICS LESSONS A LOOSER LINK EXISTED SINCE THE LESSONS APPROACHED THE SUBJECT CONCENTRICALLY. DIFFICULTIES MET WITH INCLUDED REPRODUCTION OF MATERIALS, TIMING, AND LACK OF FLEXIBILITY IN SCHEDULING. STUDENTS INDICATED THAT THEY WANTED EACH LESSON TO BE LONGER AND BROADCAST AT PEAK VIEWING HOURS. THEY FELT IT WAS WASTEFUL TO HAVE PICTORIAL VISUAL MATERIAL, PRACTICAL APPLICATION OF PHYSICS, AND STUDENT PARTICIPATION IN LESSONS. THROUGH CORRESPONDENCE, PERSONAL GUIDANCE WAS PROVIDED, ALSO A DETAILED GUIDE TO SUBJECT MATTER AND A PERMANENT RECORD OF THE COURSE. IT WAS ESTIMATED THAT THE COMBINATION COURSES WERE MORE EXPENSIVE THAN TRADITIONAL CLASS METHODS. THIS ARTICLE APPEARED IN HOME STUDY, NUMBER 4, FEBRUARY 1968. IT IS AVAILABLE FROM THE NATIONAL EXTENSION COLLEGE, SHAFTESBURY ROAD, CAMBRIDGE, ENGLAND. 7 PAGES. (PT)

ED 020 468 **AC 002 180**
ROBERTS, G.O.
THE FURTHER EDUCATION OF THE GENERAL STUDENT, A REPORT ON COURSES IN COLLEGES OF FURTHER EDUCATION FOR YOUNG PEOPLE WHO NEED NO VOCATIONAL QUALIFICATION.
BRITISH DEPARTMENT OF EDUCATION AND SCIENCE
PUB DATE 67
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *EMPLOYERS, *GENERAL EDUCATION, *OUT OF SCHOOL YOUTH, *RELEASED TIME, *TECHNICAL INSTITUTES, EMPLOYER EMPLOYEE RELATIONSHIP, PERSONAL GROWTH, PROGRAM EVALUATION, PUBLIC SCHOOL ADULT EDUCATION, RECRUITMENT, STUDENT CHARACTERISTICS,
SINCE 1962 LOCAL EDUCATION AUTHORITIES HAVE OFFERED GENERAL EDUCATION COURSES AT SELECTED COLLEGES, IN COOPERATION WITH LOCAL FIRMS, FOR YOUNG EMPLOYEES. IN NEARLY ALL COLLEGES THESE STUDENTS ATTEND CLASSES ONE DAY A WEEK, ALTHOUGH EXPERIMENTS WITH BLOCK RELEASE AND WEEKEND RESIDENTIAL PROGRAMS HAVE BEEN MADE. STUDENTS ARE RECRUITED PRIMARILY THROUGH PERSONAL CONTACT BETWEEN THE COLLEGES AND EMPLOYERS. IN MANY COLLEGES ENGLISH, SOCIAL STUDIES, AND CALCULATION ARE COMPULSORY, WITH OTHER ACADEMIC SUBJECTS AND CULTURAL, PRACTICAL, AND PHYSICAL ACTIVITIES OFFERED AS ELECTIVES. TEACHING METHODS INCLUDE STUDY GROUPS, LIBRARY REFERENCE WORK, DISCUSSION GROUPS, PRODUCTION OF A COLLEGE MAGAZINE, AND SOCIAL SERVICE WORK IN THE COMMUNITY. THE EDUCATORS' CLAIMS THAT THE PROGRAM IMPROVES ENGLISH AND OTHER BASIC SKILLS AND DEVELOPS THE ABILITY TO WORK INDEPENDENTLY, A SENSITIVITY TO SOCIAL PROBLEMS, AND RESPONSIBLE ATTITUDES TOWARD WORK AND LEISURE ARE UPHELD IN PART BY THE FACT THAT EMPLOYERS CONSIDERED THE COLLEGE REPORTS SERIOUSLY, PARTICULARLY WHEN SELECTING YOUNG WORKERS FOR PROMOTION. (DOCUMENT INCLUDES A LIST OF PARTICIPATING COLLEGES.) THIS DOCUMENT, S.O. CODE NO. 27-410, IS AVAILABLE FROM HER MAJESTY'S STATIONERY OFFICE, 49 HIGH HOLBORN, LONDON W.C.1. THREE SCHILLINGS. 20 PAGES. (AJ)

ED 020 469 **AC 002 182**
PORTUNE, ROBERT
THE CINCINNATI POLICE-JUVENILE ATTITUDE PROJECT, POLICE-TEACHER CURRICULUM DEVELOPMENT FOR IMPROVING POLICE JUVENILE RELATIONS. FINAL REPORT.
CINCINNATI UNIV., OHIO
PUB DATE 67
EDRS PRICE MF-$0.50 HC-$4.96 122P.
DESCRIPTORS— *CHANGING ATTITUDES, *CURRICULUM DEVELOPMENT, *JUNIOR HIGH SCHOOL STUDENTS, *LAW ENFORCEMENT, *POLICE, ADOLESCENTS, ATTITUDE TESTS, CINCINNATI, INFORMATION DISSEMINATION, POLICE COMMUNITY RELATIONSHIP, PROGRAM EVALUATION, PROGRAM PLANNING, STATISTICAL DATA, TEACHER EDUCATION,
TO PROMOTE POLICE UNDERSTANDING OF THE ADOLESCENT AND HIS PROBLEM, TO BUILD FAVORABLE ATTITUDES TOWARD LAW AND LAW ENFORCEMENT AMONG EARLY ADOLESCENTS, AND TO EXPLAIN THE LAW ENFORCEMENT FUNCTION TO THE JUNIOR HIGH SCHOOL POPULATION, TWO CURRICULUM UNITS WERE DEVELOPED IN 1966-1967 AT THE UNIVERSITY OF CINCINNATI, IN COOPERATION WITH THE CINCINNATI POLICE DIVISION. THE SCHOOL UNIT, "LAW AND LAW ENFORCEMENT," WAS DESIGNED BY 12 TEACHERS IN TWO GRADUATE SEMINARS AND PROVIDES A DAY-BY-DAY BLUEPRINT THAT CAN BE FOLLOWED BY ANY JUNIOR HIGH SCHOOL SOCIAL STUDIES TEACHER. THE POLICE UNIT, "THE NATURE OF THE EARLY ADOLESCENT," WAS DESIGNED BY 12 POLICE OFFICERS IN AN UNDERGRADUATE SEMINAR AND IS A COURSE OUTLINE FOR A POLICE ACADEMY INSTRUCTOR. (THE SIX STAGES OF THE CINCINNATI PROJECT ARE DESCRIBED IN THE REPORT--THE DEVELOPMENT OF THE CRITERIA FOR THE CURRICULUM UNITS AT A NATIONAL CONFERENCE OF POLICE OFFICERS AND EDUCATORS, CURRICULUM DESIGN IN A SERIES OF UNIVERSITY SEMINARS, THE EXPERIMENTAL PROGRAMS CARRIED OUT IN 12 CINCINNATI JUNIOR HIGH SCHOOLS AND IN THE CINCINNATI POLICE ACADEMY, ATTITUDE MEASUREMENTS INVOLVED IN THE PROJECT INCLUDING STATISTICAL ANALYSIS, THE NATIONAL INSTITUTE HELD ON THE UNIVERSITY CAMPUS TO DISSEMINATE THE FINDINGS AND RECOMMENDATIONS OF THE PROJECT, AND THE INDEPENDENT EVALUATION OF THE PROJECT. APPENDIXES ARE TWO ATTITUDE STUDIES OF JUVENILES AND THE RECORD OF THE PROJECT DEVELOPMENT.) (AJ)

ED 020 470 **AC 002 192**
FRANCK, DOROTHEA SEELYE
THE NEED FOR AN ADULT BASIC EDUCATION CENTER. AN INTERIM REPORT TO THE ADVISORY COMMITTEE ON ADULT BASIC EDUCATION.
EDUCATIONAL AND CULTURAL CENTER, LIVERPOOL, N.Y.
EDRS PRICE MF-$0.25 HC-$1.76 42P.
DESCRIPTORS— *ADULT BASIC EDUCATION, *FUNCTIONAL ILLITERACY, *INSTRUCTIONAL MATERIALS CENTERS, *ORGANIZATION, *RESEARCH AND DEVELOPMENT CENTERS, FEDERAL AID, FEDERAL LEGISLATION, MATERIAL DEVELOPMENT, NEW YORK STATE, STATE PROGRAMS, SYRACUSE,
THE NEED FOR AN ADULT BASIC EDUCATION CENTER IS ILLUSTRATED BY STATISTICS ON ILLITERACY IN THE UNITED STATES FROM THE 1960 CENSUS. ELEVEN PERCENT OF ADULTS WERE FUNCTIONALLY ILLITERATE AND NEARLY 2.3 MILLION HAD NEVER BEEN ENROLLED IN A SCHOOL. CONCERN TO ERADICATE ILLITERACY IN OTHER PARTS OF THE WORLD IS SHOWN IN UNESCO'S RESOLUTION AND AMERICA'S PRIVATE AND GOVERNMENT SUPPORT FOR THE CAUSE. WITHIN THE UNITED STATES, HOWEVER, ONLY A SPORADIC ATTACK HAD BEEN MADE ON UNDEREDUCATION UNTIL THE MID 1960S. CONGRESSIONAL ACTS HAVE PROVIDED FOR ADULT BASIC EDUCATION AND SEVERAL STATES HAVE SET UP PROGRAMS. THERE IS URGENCY FOR SPECIAL LITERACY MATERIALS AND THERE SHOULD BE COOPERATION BETWEEN PUBLISHERS AND SCHOOL SYSTEMS. THE OFFICE OF EDUCATION HAS RECOGNIZED THE NEED FOR A CENTER TO DEVELOP AND DISTRIBUTE MATERIALS AND IS CONSIDERING THE ESTABLISHMENT OF REGIONAL DISTRIBUTION CENTERS. THE PROPOSED CENTER IN SYRACUSE, NEW YORK, COULD CARRY OUT RESEARCH AND DEVELOPMENT PROJECTS AND COLLECT AND DISTRIBUTE EXISTING MATERIALS. IT COULD WORK CLOSELY WITH EDUCATIONAL AND CULTURAL AGENCIES IN THE COMMUNITY AND COORDINATE THEIR ACTIVITIES WITH THOSE OF OTHER AGENCIES IN THE STATE AND COUNTRY. (RT)

ED 020 471 **AC 002 203**
MANSER, ELLEN P. AND OTHERS
AN OVERVIEW OF PROJECT ENABLE.
PUB DATE DEC 67
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *FAMILY LIFE EDUCATION, *INTERAGENCY COOPERATION, *NONPROFESSIONAL PERSONNEL, *VOLUNTARY AGENCIES, CHILD STUDY ASSOCIATION, DISCUSSION GROUPS, ECONOMICALLY DISADVANTAGED, FAMILY SERVICE ASSOCIATION, FEDERAL AID, FINANCIAL SUPPORT, INDIGENOUS PERSONNEL, INSTITUTES (TRAINING PROGRAMS), NATIONAL URBAN LEAGUE, ON THE JOB TRAINING, PARENT EDUCATION, SELF HELP PROGRAMS, SOCIAL WORKERS, URBAN ENVIRONMENT,

PROJECT ENABLE (EDUCATION AND NEIGHBORHOOD ACTION FOR BETTER LIVING ENVIRONMENT) WAS A ONE-YEAR PROJECT FUNDED BY THE OFFICE OF ECONOMIC OPPORTUNITY IN SEPTEMBER 1965 IN WHICH VOLUNTARY SERVICE AGENCIES IN 59 CITIES MOUNTED PROGRAMS TO HELP POOR PARENTS IMPROVE CHILD REARING PRACTICES, USE EXISTING COMMUNITY RESOURSES, AND IDENTIFY THEIR MOST PRESSING NEEDS THROUGH DISCUSSION GROUPS AND NEIGHBORHOOD CONTACTS. REPRESENTATIVES OF THREE NATIONAL ORGANIZATIONS–FAMILY SERVICE ASSOCIATION, CHILD STUDY ASSOCIATION, AND NATIONAL URBAN LEAGURE–WORKED TOGETHER TO PLAN THE OVERALL PROGRAM AND DEVELOP THE STAFF TRAINING CURRICULUM. IN THE TRAINING PHASE, 138 PROFESSIONAL STAFF MEMBERS WERE TRAINED IN SIX AREA INSTITUTES IN GROUP LEADERSHIP, COMMUNITY ORGANIZATION, WORKING WITH POOR PARENTS, INSTITUTIONAL FORCES IN POVERTY COMMUNITY, TEAM APPROACH, AND ORIENTATION AND SUPERVISION OF SOCIAL WORK AIDES. MORE THAN 200 INDIVIDUALS, RECRUITED FROM THE NEIGHBORHOODS TO BE SERVED AND TRAINED ON THE JOB, WORKED AS SOCIAL WORK AIDES. THE ENABLE EXPERIENCE SHOWED THAT A TEAM APPROACH CAN BE HIGHLY EFFECTIVE IN DEALING WITH HUMAN PROBLEMS, NONPROFESSIONAL STAFF MEMBERS CAN PROVIDE VALUABLE SERVICE, AND WITHIN POOR NEIGHBORHOODS THERE IS AN UNTAPPED RESERVOIR OF STRENGTH AND MOTIVATION THAT CAN MAKE AN IMPORTANT CONTRIBUTION TO AN ATTACK ON INDIVIDUAL AND COMMUNITY PROBLEMS. (THIS DOCUMENT WAS REPRINTED FROM SOCIAL CASEWORK, DECEMBER 1967. 8 PAGES.) (AJ)

ED 020 472 **AC 002 208**

FLINT, AUSTIN WHITCOMB

CONFORMITY, DEVIATION AND LEADERSHIP AS A FUNCTION OF FEEDBACK IN GROUPS.

LOUISIANA ST. UNIV. AND A AND M COLL. SYSTEM

PUB DATE 60

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *FEEDBACK, *GROUP BEHAVIOR, *PROBLEM SOLVING, CONFOMITY, GROUP DISCUSSION, INFORMAL LEDERSHIP,

TWENTY-SIX GROUPS OF FIVE SUBJECTS EACH WERE STUDIED TO DETERMINE THE EFFECTS OF FEEDBACK ON SUBSEQUENT GROUP BEHAVIOR. EACH GROUP WAS GIVEN TEN PROBLEMS, EACH TO BE SOLVED INDIVIDUALLY, BEFORE AND AFTER A DISCUSSION PERIOD. THE USE OF AN ANALOG COMPUTER PERMITTED THE EXPERIMENTER TO GIVE FEEDBACK ON THE FIRST SOLUTION BEFORE THE DISCUSSION BEGAN ON EACH PROBLEM. IN HALF OF THE GROUPS, EACH MEMBER WAS TOLD THE EXTENT OF HIS DEVIATION FROM OTHER MEMBERS AS WELL AS HOW ACCURATE HIS SOLUTION WAS. THE REMAINING GROUPS WERE GIVEN THE SAME PROBLEMS BUT NO FEEDBACK. THE CRITERION MEASURES CONSISTED OF FINAL ACCURACY, FINAL AGREEMENT BETWEEN MEMBERS, STABILITY FROM THE FIRST SOLUTION TO THE SECOND, AMOUNT OF TIME EACH MEMBER TALKED DURING DISCUSSION, ATTRACTION TO THE GROUP, AND ESTEEM OF OTHER MEMBERS. IT WAS FOUND THAT MEMBERS OF FEEDBACK GROUPS WERE MORE ACCURATE IN THEIR FINAL SOLUTION AND SLIGHTLY MORE ATTRACTED TO THE GROUP. DEVIANT MEMBERS WITH INACCURATE SOLUTIONS WERE MORE RELUCTANT TO ACCEPT THE MAJORITY OPINION UNLESS THEY HAD BEEN INFORMED OF THEIR POSITION. MORE ACCURATE GROUP MEMBERS WERE MUCH MORE LIKELY TO ATTEMPT LEADERSHIP IF THEY HAD KNOWLEDGE OF THEIR ACCURACY. THIS DOCUMENT, L.C. CARD NO. MIC 60-1464, IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICH. MICROFILM $2.50. XEROX $3.00. 54 PAGES. (AUTHOR/AJ)

ED 020 473 **AC 002 210**

ABEL, FREDERICK PAUL

USE OF CLOSED CIRCUIT TELEVISION IN TEACHER EDUCATION, RELATIONSHIP TO ACHIEVEMENT AND SUBJECT MATTER UNDERSTANDING.

MINNESOTA UNIV., MINNEAPOLIS

PUB DATE 60

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ACADEMIC ACHIEVEMENT, *CLOSED CIRCUIT TELEVISION, *OBSERVATION, *TEACHER EDUCATION, DEMONSTRATIONS (EDUCATIONAL), DOCTORAL THESES, INSTRUCTIONAL FILMS, RESEARCH, SCHOOL VISITATION, TESTING, TRANSFER OF TRAINING,

THE USEFULNESS OF CLOSED CIRCUIT TELEVISION AS A MEDIUM FOR THE OBSERVATION OF CLASSES BY STUDENTS IN A BEGINNING PROFESSIONAL EDUCATION COURSE AT THE UNIVERSITY OF MINNESOTA COLLEGE OF EDUCATION WAS STUDIED. THE EFFECTS OF THREE OBSERVATIONAL MEDIA–CLASSROOM VISITATION, CLOSED CIRCUIT TELEVISION DEMONSTRATIONS, AND INSTRUCTIONAL FILMS, WERE COMPARED ON SUBJECT MATTER OUTCOMES AND THE ABILITY TO APPLY KNOWLEDGE TO CLASSROOM SITUATIONS. THE MIDQUARTER AND FINAL EXAMINATIONS DESIGNED FOR THE COURSE AND A STANDARIZED TEST BATTERY BY HORROCKS AND TROYER, TESTS OF HUMAN GROWTH AND DEVELOPMENT, WERE USED TO MEASURE MASTERY AND APPLICATION. SIX LABORATORY SECTIONS WERE RANDOMLY ASSIGNED TO THE THREE OBSERVATIONAL TREATMENTS. AN ADDITIONAL SECTION SERVED AS A CONTROL. THE SECTIONS WERE COMPARABLE IN TERMS OF ACADEMIC ABILITY AND PRIOR KNOWLEDGE. EACH GROUP HAD A MAXIMUM OF FIVE OBSERVATIONS BY THE DOMINANT TREATMENT, FOLLOWED BY TWO SUPPLEMENTARY OBSERVATIONS INVOLVING EACH OF THE TWO OTHER METHODS. IT WAS FOUND THAT NO SIGNIFICANT DIFFERENCES EXISTED AMONG THE THREE MEDIA. THIS INDICATES THAT CLOSED CIRCUIT TELEVISION HOLDS PROMISE AS AN ECONOMICAL MEANS OF PROVIDING OBSERVATIONAL EXPERIENCES. THE DOCUMENT IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICH. L.C. NO. MIC 61-553. MICROFILM $3.45. XEROX $11.95. 265 PAGES. (PT)

ED 020 474 **AC 002 216**

BARNES, WILLIAM D.

A STUDY OF INFORMAL GROUP ACTIVITY WITHIN A COMMUNITY'S EDUCATIONAL ARENA.

OREGON UNIV., EUGENE

PUB DATE 61

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *COMMUNITY LEADERS, *GROUP MEMBERSHIP, *INFORMAL LEADERSHIP, *SCHOOL COMMUNITY RELATIONSHIP, ADMINISTRATOR ROLE, DOCTORAL THESES, EDUCATIONAL POLICY, FIELD STUDIES, FRIENDSHIP, LONGITUDINAL STUDIES, OREGON, POWER STRUCTURE, SCHOOL ADMINISTRATION, SCHOOL SUPERINTENDENTS,

THIS LONGITUDINAL FIELD STUDY EXAMINED THE INFORMAL RELATIONSHIPS BY WHICH SCHOOL ORIENTED LEADERS INFLUENCED THE DEVELOPMENT OF POLICY IN THE EDUCATIONAL ARENA OF AN OREGON COMMUNITY. CONSIDERED WERE 15 BUSINESSMEN AND PROFESSIONALS WHO WERE NAMED AS LEADERS BY MANY OTHERS IN THE COMMUNITY AND WERE ALSO RECOGNIZED AS BEING INFLUENTIAL IN LOCAL SCHOOL MATTERS. THESE INFLUENTIALS BELONGED TO ONE OR ANOTHER OF FOUR INFORMAL GROUPS–(1) THE BUSINESSMEN, LONG POLITICALLY DOMINANT IN THE COMMUNITY, AND CONCERNED WITH THE FINANCIAL MANAGEMENT OF THE SCHOOL DISTRICT–(2) YOUNG PROFESSIONALS CONCERNED WITH IMPROVING MUNICIPAL SERVICES–(3) SEVERAL FRIENDS, ALMOST ALL SCHOOL DISTRICT OFFICIALS, WHO HUNTED AND FISHED TOGETHER–(4) THE LOCAL NEWSPAPER EDITOR AND THE NEW SUPERINTENDENT OF SCHOOLS, FRIENDS OF LONG STANDING. UNLIKE THE FORMER SUPERINTENDENT, WHOSE ACTIONS HAD REFLECTED THE VIEWS OF THE BUSINESSMEN, THE NEW SUPERINTENDENT DEVELOPED FAR MORE FLEXIBILITY IN ROLE BEHAVIOR, USING MANY GROUPS AS REFERENTS IN HIS POLICIES AND PRACTICES. IMPLICATIONS FOR PUBLIC SCHOOL ADMINISTRATION WERE NOTED. THIS UNIVERSITY OF OREGON ED.D. THESIS IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN. L.C. CARD NO. MIC. 60-6077. MICROFILM $2.75. XEROX $8.00. 175 PAGES. (AUTHOR/LY)

ED 020 475 **AC 002 236**

COTTON, WEBSTER ELIOT

THE RATIONALE FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY, A SURVEY, ANALYSIS AND CRITIQUE OF THE LITERATURE FROM 1919 TO 1961.

CALIFORNIA UNIV., LOS ANGELES

PUB DATE 63

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ADULT EDUCATION PROGRAMS, *DEMOCRACY, *EDUCATIONAL PHILOSOPHY, *LIBERAL ARTS, *LITERATURE REVIEWS, DOCTORAL THESES, EDUCATIONAL NEEDS,

A COMPARATIVE ANALYSIS OF THE RATIONALES FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY FOCUSES ON–(1) THE MARGINALITY OF MOST RATIONALES WITH RESPECT TO THE STATEMENT IN WHICH THEY APPEAR, (2) THE DIVERSITY OF RATIONALES WITH RESPECT TO WHETHER THE NEED FOR ADULT EDUCATION IS PERCEIVED AS IMPORTANT OR CRUCIAL, WHETHER AN EMPIRICAL OR NORMATIVE-RATIONAL TYPE ARGUMENT IS USED, AND WHETHER THE RATIONALE IS ADDRESSED TO A LIMITED OR NATIONAL AUDIENCE, AND (3) THE POLARIZATION OF MOST RATIONALES AROUND A PROFESSIONAL OR SOCIAL REFORMIST ORIENTATION. A CRITIQUE OF THE LITERATURE (1919-1961) IS MADE IN TERMS OF THE FAILURE OF RATIONALES (1) TO MAKE EXPLICIT THEIR VALUE ORIENTATION, (2) TO CONTAIN A THOUGHTFUL AND STIMULATING INTELLECTUAL CONTENT, AND (3) TO BE DEVELOPED IN A SYSTEMATIC AND INCISIVE MANNER. THIS CRITIQUE IS THEN APPLIED TO THREE RECENT STATEMENTS–THE RECOGNITION THAT A PROBLEMATIC SITUATION DOES EXIST, THE RECOGNITION OF THE CRITICAL ROLE OF THE INDIVIDUAL IN DEVELOPING A VIABLE RATIONALE FOR ADULT EDUCATION, AND THE RECOGNITION OF THE NEED FOR MORE INTELLECTUALLY SIGNIFICANT RATIONALES. THE CONCLUDING SCHAPTER SETS FORTH A RATIONALE FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY. THIS DOCUMENT, ORDER NO. 63-6587, IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICH. MICROFILM $4.65. XEROGRAPHY $16.45. 362 PAGES. (AUTHOR/AJ)

ED 020 476 **AC 002 237**

FRYE, ROYE MELTON

THE THEORY OF TRAINING AND THE TRAINER ROLE IN THE INDIANA PLAN INSTITUTE.

INDIANA UNIV., BLOOMINGTON

PUB DATE 63

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EDUCATIONAL THEORIES, *INSTITUTES (TRAINING PROGRAMS), *LEADER PARTICIPATION, *ROLE PERCEPTION, *TRAINERS, ADULT LEARNING, DOCTORAL THESES, EDUCATIONAL STRATEGIES, FEED-

BACK, GROUP EXPERIENCE, GROUP MEMBERSHIP, GUIDANCE, INDIANA PLAN INSTITUTE, LEANING ACTIVITIES, REINFORCEMENT, RELIGIOUS EDUCATION, SELF EVALUATION, TRANSFER OF TRAINING,

THE THEORY OF TRAINING IN THE INDIANA PLAN INSTITUTE WAS INVESTIGATED AND THE NATURE OF THE TRAINER ROLE AS ITS FOCAL MEANS OF ACTUALIZATION WAS ANALYZED. DATA WERE GATHERED FROM LITERATURE, WRITINGS, AND THE INVESTIGATOR'S TRAINING EXPERIENCE. FIVE CATEGORIES WERE CHOSEN FOR STUDY--(1) EDUCATIONAL CONDITIONS AND RESULTS OF THE INDIANA PLAN, (2) NATURE OF THE INSTITUTE, (3) THEORY OF INSTITUTE TRAINING, (4) THE TRAINER ROLE AND (5) STANDARDS, ISSUES, AND PROBLEMS OF INSTITUTE TRAINING. IT WAS FOUND THAT EDUCATIONAL CONDITIONS IN THE PLAN ARE THE EMBODIMENT OF PRINCIPLES OF LEARNING IN A DEMOCRATIC CONTEXT, PRINCIPLES OF METHOD FOR COLLABORATION AMONG ADULT LEARNERS IN THE PROCESS OF GROWTH, AND TASKS TO BE PERFORMED IN TRAINING ADULTS HOW TO LEARN. AN ANTECEDENT-CONSEQUENT RELATIONSHIP OBTAINS BETWEEN THE EDUCATIONAL CONDITIONS AND RESULTS OF THE PLAN. THE STRUCTURED LEARNING SITUATION PROVIDES THREE TYPES OF TRAINING-IN-GROUP PARTICIPATION, OUT-GROUP PARTICIPATION, AND TRANSFER. AMONG CONCEPTS INTEGRAL TO TRAINING THEORY ARE AUTHORITATIVE GUIDANCE, FEEDBACK, REINFORCEMENT, AND GROUP SELF APPRAISAL. THE TRAINER ROLE IS CONDITIONED BY SUCH VARIABLES AS--CURRICULUM, COMPOSITION OF THE TRAINING GROUP, AND HIS EDUCATIONAL PHILOSOPHY. THIS DOCUMENT IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICH. ORDER NO. 64-5127. MICROFILM $2.75. XEROXGRAPHY $8.80. 194 PAGES. (PT)

ED 020 477 **AC 002 240**

TRELOAR, WILLIAM PURDY

A STUDY OF SELECTED FACTORS INHIBITING THE DEVELOPMENT OF ADULT EDUCATION IN THE STATE OF MICHIGAN, 1957-58.

MICHIGAN ST. UNIV., EAST LANSING

PUB DATE 60

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS-- *ADMINISTRATIVE PROBLEMS, *ADULT EDUCATION PROGRAMS, *PROGRAM DEVELOPMENT, *PROGRAMING PROBLEMS, *STATE SURVEYS, ADMINISTRATOR BACKGROUND, ADULT LEARNING, COMMUNITY CHARACTERISTICS, COMMUNITY RELATIONS, DOCTORAL THESES, ENROLLMENT, FINANCIAL SUPPORT, INSERVICE EDUCATION, LEADERSHIP TRAINING, MICHIGAN, PART TIME JOBS, PHYSICAL FACILITIES, PRESERVICE EDUCATION,

TO ASCERTAIN RELATIONSHIPS OF SELECTED FACTORS INHIBITING THE DEVELOPMENT OF ADULT EDUCATION TO COMMUNITY SIZE, ENROLLMENT, EXPERIENCE OF THE DIRECTOR, AND FULL- OR PART-TIME DIRECTORSHIP, 200 RESPONSES TO QUESTIONNAIRES MAILED TO ALL ADULT EDUCATION DIRECTORS IN MICHIGAN WERE ANALYZED. DATA WERE ORGANIZED ACCORDING TO THREE PROBLEM AREAS--(1) OPERATION OF THE PROGRAM, (2) FINANCE AND FACILITIES, AND (3) COMMUNITY RELATIONSHIPS. EIGHT MAJOR PROBLEMS CONSIDERED IMPORTANT BY OVER HALF OF THE SURVEY GROUP AND REPORTED AS FREQUENT BLOCKS TO PROGRAM DEVELOPMENT IN MORE THAN HALF OF THE COMMUNITIES WERE--IDENTIFYING ADULT NEEDS, TEACHER SHORTAGE, TIME TO ADMINISTER PROGRAM, PUBLICITY PROGRAM, SUPPORT FROM STATE TAX FUNDS, TIME TO SUPERVISE INSTRUCTION, COMPETITION WITH COMMUNITY ACTIVITIES, AND INSERVICE TEACHER TRAINING. STUDY IN INSERVICE AND PRESERVICE LEADERSHIP TRAINING PROGRAMS FOR ADULT EDUCATORS SHOULD CENTER UPON UNDERSTANDING ADULT EDUCATION, KNOWLEDGE OF THE CULTURE AND SOCIAL INSTITUTIONS, AND UNDERSTANDING THE ADULT LEARNING PROCESS. THIS DOCUMENT, L.C. CARD NO. MIC 60-2363, IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICH. MICROFILM $4.20. XEROX $14.85. 326 PAGES. (AUTHOR/AJ)

ED 020 478 **AC 002 241**

HAGELBERG, MILTON JOHN

A STUDY OF THE GOALS AND CHARACTERISTICS OF EXTENSION CREDIT STUDENTS IN NORTHWESTERN MICHIGAN.

MICHIGAN ST. UNIV., EAST LANSING

PUB DATE 60

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS-- *ADULT STUDENTS, *OBJECTIVES, *PARTICIPANT CHARACTERISTICS, *UNIVERSITY EXTENSION, CREDIT COURSES, EDUCATIONAL COUNSELING, GEOGRAPHIC REGIONS, MICHIGAN, PROGRAM PLANNING, PUBLICIZE, STATISTICAL DATA, STUDENT COLLEGE RELATIONSHIP, STUDENT NEEDS, STUDENT PROBLEMS, SURVEYS,

AN ANALYSIS WAS MADE OF THE GOALS AND CHARACTERISTICS OF STUDENTS ENROLLED IN EXTENSION CREDIT COURSES OFFERED BY MICHIGAN STATE UNIVERSITY IN NORTHWESTERN MICHIGAN DURING THE FALL OF 1959. ALSO CONSIDERED WERE DATA ON STUDENT PROBLEMS AND ON CONTACTS AND RELATIONSHIPS WITH THE UNIVERSITY. GROUP ADMINISTERED QUESTIONNAIRES WERE USED TO COLLECT DATA FROM 130 STUDENTS REPRESENTING AN 18 COUNTY AREA. MAJOR GOALS REPORTED MOST OFTEN WERE TO INCREASE JOB EFFECTIVENESS, OBTAIN A TEACHER'S CERTIFICATE OR A MASTER'S DEGREE, AND OBTAIN AN UNDERGRADUATE DEGREE. THE DIFFICULTIES MOST OFTEN CITED WERE FINDING TIME, SELECTING COURSES, AND FINANCES. FIFTY-FIVE PERCENT HAD LEARNED OF THE COURSES THROUGH MAILED ANNOUNCEMENTS, 41 PERCENT HAD VISITED WITH THE DIRECTOR OF THE MICHIGAN STATE UNIVERSITY CONTINUING EDUCATION REGIONAL CENTER IN TRAVERSE CITY, AND 45 PERCENT HAD NOT CONFERRED WITH ACADEMIC ADVISORS OR PLANNED THEIR PROGRAMS. SEVERAL RECOMMENDATIONS WERE MADE FOR GRADUATE AND UNDERGRADUATE PROGRAM EXPANSION AND DIVERSIFICATION, PROMOTION, PUBLIC RELATIONS, AND RESEARCH. THIS MICHIGAN STATE UNIVERSITY ED.D. THESIS IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN. L.C. CARD NO. MIC 60-2359. MICROFILM $2.50. XEROX $6.00. 125 PAGES. (AUTHOR/LY)

ED 020 479 **AC 002 242**

JOHNSTON, RUPERT BERNARD

FAMILY GOALS AND SOME FACTORS ASSOCIATED WITH THEIR ACCOMPLISHMENT.

CORNELL UNIV., ITHACA, N.Y., SCH. OF EDUCATION

PUB DATE 60

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS-- *FAMILY MANAGEMENT, *FARMERS, *OBJECTIVES, *PERFORMANCE FACTORS, AGE GROUPS, CHILDREN, COSTS, DOCTORAL THESES, EDUCATIONAL BACKGROUND, EXTENSION AGENTS, FAMILY INCOME, FAMILY INFLUENCE, FAMILY RESOURCES, FARM MANAGEMENT, HOME MANAGEMENT, SURVEYS, TIME PERSPECTIVE,

GOALS OF FARM FAMILIES WERE ANALYZED AND FACTORS ASSOCIATED WITH THEIR ACCOMPLISHMENT STUDIED. DATA ON FARM GOALS, FARM AND HOME RESOURCES, AND INCOME WERE OBTAINED FROM 112 FAMILIES IN 18 MISSISSIPPI COUNTIES, IN WHICH THERE WERE THREE DIFFERENT COUNTY EXTENSION STAFFING PLANS. GOALS WERE CLASSIFIED IN GOUPS SUCH AS HOME AND GROUNDS, HOME FURNISHINGS, FAMILY LIVING, FARM LIVING, FARM MANAGEMENT, PRODUCTION PRACTICES, FARM BUILDINGS AND FENCES, FARM EQUIPMENT, AND LAND RECLAMATION. GOALS RELATED TO THE HOME AND FAMILY LIVING ACCOUNTED FOR 44 PERCENT OF THE TOTAL, AND WERE PREVALENT AMONG FAMILIES WHERE THERE WERE BOTH MEN AND WOMEN EXTENSION AGENTS WORKING WITH THEM. GOALS RELATED TO THE FARM ACCOUNTED FOR 56 PERCENT OF ALL GOALS AND ALMOST HALF OF THESE WERE FARM MANAGEMENT. AMONG IMPLICATIONS WERE (1) EXTENSION WORKERS SHOULD BE COGNIZANT OF THE NATURE OF FAMILY GOALS WITH RESPECT TO BOTH TIME AND COST, (2) THE SHORT-RUN AND LONG-RUN IMPLICATIONS OF FARM FAMILY GOALS SHOULD BE CONSIDERED IN MAKING FARM AND HOME PLANS, AND (3) AGE OF THE FARMER, EDUCATIONAL ACHIEVEMENT, AND NUMBER AND AGE OF CHILDREN, INFLUENCE THE PRIORITIES OF GIVEN GOALS. THIS DOCUMENT IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICH. L. C. CARD NO. MIC 60-2257. MICROFILM $2.50. XEROX $8.20. 177 PAGES. (AUTHOR/PT)

ED 020 480 **AC 002 244**

ALMANZOR, ANGELINA CARUNUNGAN

VOLUNTEER AND STAFF PARTICIPATION IN A VOLUNTARY SOCIAL WELFARE ASSOCIATION IN THE UNITED STATES, A STUDY OF THE NATIONAL YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

COLUMBIA UNIV., NEW YORK

PUB DATE 61

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS-- *INTERGROUP RELATIONS, *PARTICIPATION, *PROFESSIONAL PERSONNEL, *VOLUNTARY AGENCIES, *VOLUNTEERS, AGE DIFFERENCES, ATTITUDES, CONFLICT, DOCTORAL THESES, ENVIRONMENTAL INFLUENCES, MARITAL STATUS, MOTIVATION, RELIGION, ROLE PERCEPTION, SOCIAL WELFARE, SOCIOECONOMIC STATUS, SOCIOLOGY, VALUES, YOUNG WOMENS CHRISTIAN ASSOCIATION,

IN THIS STUDY, WHICH FOCUSED ON VOLUNTEER AND STAFF PARTICIPATION IN THE NATIONAL YWCA, DATA WERE EXAMINED ON THE DIFFERENCES IN AGE, MARITAL STATUS, RELIGION, VALUE ORIENTATION, SOCIOECONOMIC STATUS, MOTIVATION, AND ROLE PERCEPTION WHICH AFFECTED THE PARTICIPATORY BEHAVIOR OF MEMBERS OF A COMMITTEE GROUP WORKING ON A SPECIFIC PROJECT. ATTENTION WAS ALSO GIVEN TO ORGANIZATIONAL POLICIES WHICH MINIMIZED CONFLICTS AND MAXIMIZED THE COOPERATIVE AND SATISFYING PARTICIPATION OF VOLUNTEERS AND STAFF MEMBERS. CONTINUING INVOLVEMENT IN PROGRAM ACTIVITIES, HOLDING OFFICES, ATTENDING MEETINGS, VOTING IN ELECTIONS AND EFFECTIVE COMMUNICATION BETWEEN VOLUNTEERS AND STAFF WERE THE CRITERIA FOR ASSESSING PARTICIPATION. EXCEPT FOR MARITAL STATUS, THE SOCIAL CHARACTERISTICS OF THE TWO GROUPS CORRELATED CLOSELY, THUS DISPELLING THE MYTH THAT INTERGROUP STRESSES AND STRAINS FREQUENTLY AROSE BECAUSE OF DISSIMILAR BACKGROUNDS. IN GENERAL PARTICIPATION WAS ENHANCED BY THOSE FACTORS--INTERPERSONAL INFLUENCES, NORMATIVE DISPOSITIONS, THE NATURE OF THE JOB, STABILITY OF THE WORK FORCE, AND ORIENTATION TOWARD WORK LIFE AND COWORKERS--MAKING FOR GREATER IDENTIFICATION WITH ONE'S OCCUPATIONAL SITUATION AND COMMUNITY. THIS COLUMBIA UNIVERSITY DOCTOR OF SOCIAL WORK THESIS IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN. ORDER NO. MIC 61-2207. MICROFILM $2.95. XEROX $10.35. 226 PAGES. (AUTHOR/LY)

ED 020 481 **AC 002 245**

SITTS, MARVIN RALPH

A STUDY OF THE PERSONALITY DIFFERENCES BETWEEN A GROUP OF WOMEN WHO HAD PARTICIPATED IN SEWING CLASSES IN AN ADULT EDUCATION PROGRAM AND A GROUP OF THEIR FRIENDS AND NEIGHBORS WHO HAD NOT PARTICIPATED IN ANY ADULT EDUCATION ACTIVITIES.

MICHIGAN ST. UNIV., EAST LANSING

PUB DATE 60

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ADULT EDUCATION PROGRAMS, *FEMALES, *INDIVIDUAL DIFFERENCES, *PARTICIPATION, *PERSONALITY, AGE, CITIZEN PARTICIPATION, DOCTORAL THESES, EDUCATIONAL EXPERIENCE, INCOME, INTELLIGENCE, MEASUREMENT INSTRUMENTS, SEWING INSTRUCTION, SIXTEEN PERSONALITY FACTOR QUESTIONNAIRE, STATISTICAL DATA, SURVEYS,

IN THIS STUDY OF PERSONALITY DIFFERENCES, THE SIXTEEN PERSONALITY FACTOR QUESTIONNAIRE AND AN ADULT EDUCATION INTERVIEW SHEET WERE ADMINISTERED TO A GROUP OF WOMEN WHO HAD PARTICIPATED IN SEWING CLASSES OFFERED BY THE MOTT ADULT EDUCATION PROGRAM OF THE FLINT, MICHIGAN, BOARD OF EDUCATION, AND TO A GROUP OF THEIR FRIENDS AND NEIGHBORS WHO HAD NOT PARTICIPATED IN ANY ADULT EDUCATION ACTIVITY. QUESTIONNAIRE SCORES SHOWED THAT THE PARTICIPANTS WERE BRIGHTER AND MORE AGGRESSIVE, AND TENDED TO BE MORE PERSISTENT, LESS POLISHED, MORE CONFIDENT, AND MARKED BY A LESS CLEAR PICTURE OF SOCIALLY APPROVED BEHAVIOR, THAN THE NONPARTICIPANTS, MOREOVER, PARTICIPANTS IN ADULT EDUCATION GENERALLY HAD ENROLLED IN MORE SPECIAL SCHOOLS, HAD A HIGHER INCOME, BELONGED TO MORE SERVICE AND NEIGHBORHOOD CLUBS, ATTENDED MORE ACTIVITIES IN SCHOOL BUILDINGS, HAD VOTED MORE OFTEN IN RECENT ELECTIONS, HAD KNOWN ABOUT THE ADULT EDUCATION PROGRAM LONGER, AND TENDED TO BE OLDER. (SUGGESTIONS WERE OFFERED AS TO AREAS FOR PROGRAM MODIFICATION.) THIS MICHIGAN STATE UNIVERSITY PH.D. THESIS IS AVAILABLE FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN. L.C. CARD NO. MIC 60-3426. MICROFILM $2.50. XEROX $8.00. 175 PAGES. (AUTHOR/LY)

ED 020 482 **AC 002 257**

ADAMS, HENRY B., ED

ADULT LEARNING SEMINAR, PROCEEDINGS (SYRACUSE UNIVERSITY, NEW YORK, JUNE 12-16, 19670.

SYRACUSE UNIV.,N.Y.CONT.EDUC.CTR.FOR THE PUB.SERV.

NATIONAL COUNCIL OF CHURCHES OF CHRIST, NEW YORK

PUB DATE JUN 67

EDRS PRICE MF-$0.50 HC-$4.24 104P.

DESCRIPTORS— *CLERGYMEN, *EDUCATIONAL NEEDS, *EDUCATIONAL OBJECTIVES, *PROFESSIONAL CONTINUING EDUCATION, *PROGRAM EVALUATION, CHURCH ROLE, EDUCATIONAL TRENDS, MOTIVATION, PARTICIPANT SATISFACTION, PHILOSOPHY, PROGRAM DESCRIPTIONS, SOCIAL CHANGE, THEOLOGICAL EDUCATION,

THIS ADULT LEARNING SEMINAR, OUTGROWTH OF MEETINGS SPONSORED BY THE NATIONAL COUNCIL OF CHURCHES, FOCUSED UPON NEEDS OF MINISTERS, OBJECTIVES OF PROGRAM OF CONTINUING EDUCATION, AND PROCESSES BY WHICH PROGRAMS ARE EVALUATED. THE CHANGING WORLD IN WHICH MINISTRY FUNCTIONS WAS DISCUSSED IN PAPERS ON MINISTRY AS EDUCATION OF PUBLIC, IMPLICATIONS OF THE ATOMIC AGE, FUNCTIONS OF THE CHURCH, FORMS FOR ARTICULATING ITS CHANGING STRATEGIES, AND IMPLICATIONS. ON-GOING PROGRAMS DESCRIBED INCLUDED A PILOT TRAING PROGRAM FOR MINISTERS WHO INFLUENCE URBAN ENVIRONMENT, SEMINARS HELD FOR YOUNG UNITED PRESBYTERIAN MINISTERS, THE TOWER ROOM SCHOLARS PROGRAM AT UNION THEOLOGICAL SEMINARY IN RICHMOND, AND A PROGRAM COMBINING RESIDENT AND IN-PARISH STUDY FOR DEGREES AT SAN FRANCISCO THEOLOGICAL SEMINARY. EDUCATION THEORY PRESENTATION INCLUDED AGE FACTORS IN CREATING ISSUES FOR ADULTS, EMERGING DIRECTIONS OF HIGHER EDUCATIONAL INSTITUTIONS AND THEIR IMPLICATIONS, RELATING OBJECTIVES AND EVALUATION, RELATING OBJECTIVES AND EDUCATION PROCEDURES TOWARD AN OPERATIONAL THEORY MOTIVATION, AND CURRENT DIRECTIONS IN THEOLOGICAL EDUCATION. APPENDED ARE A SUMMARY OF PARTICIPANTS' EVALUATIONS OF THE SEMINAR AND A LIST OF REGISTRANTS. THE CHARTER, BYLAWS AND OTHER INFORMATION ABOUT THE SOCIETY FOR THE ADVANCEMENT OF CONTINUING EDUCATION FOR MINISTRY ARE ADDED. (RT)

ED 020 483 **AC 002 277**

CAMPBELL, BILLY RANDOLPH

A COMPARISON OF THE EFFECTIVENESS OF THE GRADED AND NONGRADED CURRICULUM PLANS ON ADULT MALES AT FLORIDA STATE PRISON HAVING ACADEMIC ABILITIES CORRESPONDING TO ELEMENTARY GRADES 1-8.

FLORIDA ST. UNIV., TALLAHASSEE

PUB DATE AUG 61

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *MALES, *PRISONERS, ADULT STUDENTS, CASE STUDIES (EDUCATION), CURRICULUM EVALUATION, DROPOUT RATE, EDUCATIONAL IMPROVEMENT, FLORIDA STATE PRISON, LANGUAGE ARTS, MASTERS THESES, RESEARCH, STUDENT RECORDS, TESTING, TIME FACTORS (LEARNING),

GRADED AND NONGRADED CURRICULUMS ARE REVIEWED, AND COMPARED, AT THE FLORIDA STATE PRISON. DATA WERE OBTAINED FROM A LITERATURE REVIEW, INTELLIGENCE AND ACHIEVEMENT TESTS, PUPIL INTEREST INVENTORIES, STUDENT RECORDS, OBSERVATIONS, CONFERENCES, AND CASE STUDIES. IT WAS FOUND THAT THE GRADED CURRICULUM HAD WEAKNESSES IN THE LANGUAGE ARTS SUBJECTS, AND SIX CASE STUDIES SHOW THAT IT IS POSSIBLE TO PROGRESS AT A BETTER THAN AVERAGE RATE IN THE NONGRADED SYSTEM. TEACHERS HAD LESS CONTINUOUS PLANNING UNDER THE GRADED PROGRAMS THAN UNDER THE NONGRADED. THE MONTHLY REPORT OF ATTENDANCE SHOWED THAT FEWER PUPILS DROPPED OUT AFTER THE CHANGE TO THE NONGRADED PROGRAM. THE BETTER ORGANIZATION OF TIME IN THE NONGRADED GROUPS PROVIDED TIME FOR TELEVISED SCIENCE LESSONS, THE INTRODUCTION OF SOCIAL STUDIES, AND THE REVISION OF THE LANGUAGE ARTS PROGRAMS. THE NONGRADED APPROACH ALSO MADE IT POSSIBLE TO IDENTIFY STUDENTS WHO WERE READY FOR HIGH SCHOOL WORK. IT WAS CONCLUDED THAT THE NONGRADED PROGRAM PROVIDED THE MOST LEARNING IN THE SHORTEST POSSIBLE TIME FOR INMATE STUDENTS. THIS MASTERS THESIS IS AVAILABLE FROM FLORIDA STATE UNIVERSITY, TALLAHASSEE. 86 PAGES. (PT)

ED 020 484 **AC 002 283**

PRESGRAVES, JAMES S.

A SURVEY OF PUBLIC SCHOOL ADULT GUIDANCE SERVICES IN FIFTY CITIES.

RICHMOND UNIV., VA.

PUB DATE JUN 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *GUIDANCE SERVICES, *PUBLIC SCHOOL ADULT EDUCATION, DROPOUTS, ELEMENTARY EDUCATION, FINANCIAL SUPPORT, MASTERS THESES, PUBLICIZE, QUESTIONNAIRES, SECONDARY EDUCATION, STUDENT RECORDS, SURVEYS, TESTING,

A QUESTIONNAIRE MEASURING ENROLLMENT OF POTENTIAL CLIENTS AND ADMINISTRATION OF PUBLIC SCHOOL ADULT GUIDANCE WAS SENT TO 50 CITIES. INFORMATION WAS RETURNED FROM 30 CITIES, AND INCLUDED DATA ON ADMINISTRATION, PUBLICITY, FINANCING, COUNSELING, TESTING, AND RECORDS. RESPONSES INDICATED COUNSELING SERVICES HAD BEEN OPERATING FOR A MEDIAN OF 10 YEARS IN 15 CITIES. AVERAGE AVAILABILITY OF COUNSELING WAS FIVE TO SIX HOURS PER DAY, FIVE DAYS A WEEK. MAJOR TYPES OF COUNSELING WERE EDUCATIONAL, VOCATIONAL, AND PERSONAL-SOCIAL, WHILE A FEW PLACEMENT AND REFERRAL SERVICES WERE PROVIDED. VISUAL MEDIA WAS MOST GENERALLY USED TO PUBLICIZE GUIDANCE SERVICES, AND MOST WERE DEPENDENT ON LOCAL SUPPORT TO SOME DEGREE, AND STATE SUPPORT, WITH ONLY FOUR DEPENDING UPON FEDERAL FUNDS. SINCE THE MAJORITY OF ENROLLEES WERE DOING ELEMENTARY AND SECONDARY WORK, IT WAS ASSUMED MANY WERE SCHOOL DROPOUTS IN NEED OF GOOD GUIDANCE SERVICES. SINCE ONLY 15 OF THE RESPONDING PROGRAMS HAD PUBLIC SCHOOL ADULT GUIDANCE SERVICES, IT WAS CONCLUDED THAT MORE AND BETTER GUIDANCE PROGRAMS FOR ADULTS ARE NEEDED. THIS MASTERS THESIS IS AVAILABLE FROM UNIVERSITY OF RICHMOND, VIRGINIA. 98 PAGES. (PT)

ED 020 485 **AC 002 285**

NOBLE, ALBERT C.

THE INTERESTS IN MANAGEMENT CONFERENCES AT EAST TENNESSEE STATE UNIVERSITY AMONG BUSINESS OWNERS AND MANAGERS.

EAST TENNESSEE STATE UNIV., JOHNSON CITY

PUB DATE AUG 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *BUSINESS, *CONFERENCES, *EDUCATIONAL INTEREST, *EDUCATIONAL NEEDS, *MANAGEMENT EDUCATION, MASTERS THESES, STATE UNIVERSITIES, SURVEYS, TENNESSEE,

IN A STUDY TO DETERMINE THE NEED FOR AND INTEREST IN MANAGEMENT CONFERENCES TO BE SPONSORED BY EAST TENNESSEE STATE UNIVERSITY FOR BUSINESS OWNERS AND MANAGERS, 136 BUSINESSMEN IN A NINE COUNTY AREA SURROUNDING THE UNIVERSITY RATED SUGGESTED CONFERENCE TOPICS. BANKERS, LAWYERS, ACCOUNTANTS, AND BUSINESS LEADERS, BUYERS FOR BUSINESS FIRMS, AND CONSUMERS WERE ALL ASKED TO GIVE OPINIONS OF THE MANAGEMENT SKILLS OF LOCAL BUSINESSMEN AND SUPPLIERS. FROM THE RESPONSES IT APPEARED THAT THERE IS A NEED FOR THE OWNERS AND MANAGERS OF AT LEAST SOME BUSINESS FIRMS TO IMPROVE THEIR MANAGEMENT SKILLS AND THERE IS INTEREST IN THE BUSINESS COMMUNITY IN A PROGRAM OF TRAINING CONFERENCES SPONSORED BY THE UNIVERSITY. IT IS RECOMMENDED THAT THE UNIVERSITY FURTHER DEFINE THE TRAINING NEEDS OF AREA BUSINESSMEN, EVALUATE ITS MANPOWER RESOURCES FOR CONDUCTING CONFERENCES, DETERMINE THE AVAILABILITY OF CONFERENCE LEADERS OUTSIDE THE UNIVERSITY, DESIGNATE A CONFERENCE COORDINATOR, AND CAREFULLY PLAN, SCHEDULE, AND PUBLICIZE A PILOT CONFERENCE. (DOCUMENT INCLUDES THE SURVEY QUESTIONS AND 11 TABLES.) THIS DOCUMENT IS A MASTERS THEIS, AVAILABLE FROM EAST TENNESSEE STATE UNIVERSITY, JOHNSON CITY, TENN. 94 PAGES. (AUTHOR/AJ)

ED 020 486 **AC 002 289**

BOWYER, RUTH HURST

ADULT EDUCATION IN HOMEMAKING IN UPSHUR COUNTY IN WEST VIRGINIA, EVALUATION OF INTERESTS AND NEEDS FOR ADULT HOMEMAKING EDUCATION IN UPSHUR COUNTY, 1960-1961.

WEST VIRGINIA UNIV., MORGANTOWN

PUB DATE 63

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EDUCATIONAL INTEREST, *EDUCATIONAL NEEDS, *EVALUATION, *HOMEMAKING EDUCATION, HOME ECONOMICS EDUCATION, MASTERS THESES, PROGRAM LENGTH, PUBLIC SCHOOL ADULT EDUCATION, SCHEDULING, SOCIEOECONOMIC INFLUENCES, STATISTICAL DATA, SURVEYS, UNITS OF STUDY (SUBJECT FIELDS), WEST VIRGINIA,

THE PURPOSE OF THIS STUDY WAS TO SECURE INFORMATION FROM MOTHERS OF JUNIOR HIGH AND HIGH SCHOOL PUPILS AS TO WHAT CLASSES SHOULD BE INCLUDED IN THE UPSHUR COUNTY, WEST VIRGINIA, ADULT HOMEMAKING PROGRAM. THE QUESTIONNAIRE DREW REPLIES FROM 457 (35 PEPERCENT) OF

THOSE CONTACTED. RESPONSES SHOWED A GENERAL INTEREST THROUGHOUT THE COUNTY IN ATTENDING ADULT CLASSES. FINDINGS SHOWED THAT THOSE WITHOUT HOME ECONOMICS PREFER TO MEET IN THEIR HOME COMMUNITIES, WHILE THOSE WHO HAVE HAD SOME HOME ECONOMICS TRAINING PREFER TO MEET FOR CLASSES IN THE HOME ECONOMICS DEPARTMENT OF THE HIGH SCHOOL. IT APPEARED THAT EMPHASIS SHOULD BE PLACED ON CLASSES ON NEW SEWING TECHNIQUES, ADVANCED SEWING, AND QUICK AND EASY MEALS. OF LITTLE INTEREST TO THE MAJORITY WERE THE FOLLOWING SUGGESTED CLASSES--BUDGETING TIME AND MONEY, HOME DECORATION CLASSES, AND STRETCHING THE FOOD DOLLAR. RECOMMENDATIONS WERE MADE FOR THE POSSIBILITY OF CONDUCTING SIMILAR STUDIES IN OTHER COUNTIES TO DETERMINE THE NEEDS OF HOMEMAKERS, INCLUDING OLDER HOMEMAKERS AND THOSE WITH YOUNG CHILDREN. (THE DOCUMENT INCLUDES 61 TABLES AND 13 REFERENCES.) THIS MASTERS THESIS IS AVAILABLE FROM WEST VIRGINIA UNIVERSITY, MORGANTOWN, 122 PAGES. (LY)

ED 020 487 AC 002 295

LIVERIGHT, A.S., ED. HAYGOOD, NOREEN, ED.

THE EXETER PAPERS, REPORT OF THE FIRST INTERNATIONAL CONFERENCE ON THE COMPARATIVE STUDY OF ADULT EDUCATION.

CENTER FOR THE STUDY OF LIBERAL EDUC. FOR ADULTS

PUB DATE 68

EDRS PRICE MF-$0.75 HC-$5.92 146P.

DESCRIPTORS-- *ADULT EDUCATION, *COMPARATIVE EDUCATION, *EDUCATION, *NATIONAL PROGRAMS, ADULT BASIC EDUCATION, ADULT EDUCATORS, CULTURAL ENVIRONMENT, EDUCATIONAL FINANCE, HONG KONG, INDIA, ISRAEL, PROFESSIONAL ASSOCIATIONS, RESEARCH NEEDS, SURVEYS, TYPOLOGY, UNITED KINGDOM, YUGOSLAVIA,

A CONCEPTUAL FRAMEWORK IS PRESENTED AND IS APPLIED TO NATIONAL REPORTS ON ADULT EDUCATION IN FIVE COUNTRIES. THE FIRST TWO CHAPTERS FEATURE COMPONENTS OF THE FRAMEWORK AND DETAILED DATA ON THE TOTAL EDUCATIONAL SCENE IN CANADA, HONG KONG, INDIA, ISRAEL, SUDAN, THE UNITED STATES, THE UNITED KINGDOM, PUERTO RICO, AND YUGOSLAVIA. CHAPTER 3 THROUGH 7 PRESENT NATIONAL REPORTS FROM HONG KONG, INDIA, ISRAEL, UNITED KINGDOM, AND YUGOSLAVIA. CHAPTER 8 REPORTS BRIEFLY ON IMPORTANT THEMES AND APPARENT AREAS OF AGREEMENT, INCLUDING PROBLEMS OF PROGRAM STATUS, PROGRAM DEVELOPMENT, INFORMATION AND COMMUNICATION, FINANCING, AND THE PLANNING OF CROSS CULTURAL AND COMPARATIVE RESEARCH. AMONG THE AREAS PROPOSED IN THE LAST CHAPTER FOR FURTHER INVESTIGATION ARE TRAINING AND RESEARCH, TAXONOMY AND TERMINOLOGY, CULTURALLY RELATED EDUCATIONAL SYSTEMS, AND THE IMPACT OF POLITICAL AND SOCIOECONOMIC PATTERNS ON THE NATURE AND ORGANIZATION OF SYSTEMS OF ADULT EDUCATION. THE DOCUMENT INCLUDES 29 TABLES AND CHARTS AND 84 REFERENCES. (LY)

ED 020 488 AC 002 356

IRONSIDE, DIANA J.

DIRECTORY OF ADULT EDUCATION ORGANIZATIONS, 1968.

SYRACUSE UNIV., N.Y., LIBRARY OF CONTINUING EDUC.

PUB DATE MAR 68

EDRS PRICE MF-$0.50 HC-$2.60 63P.

DESCRIPTORS-- *ADULT EDUCATION, *DIRECTORIES, *ORGANIZATIONS (GROUPS), ADULT EDUCATION ORGANIZATIONS COMMITTEE, COMMITTEE OF GROUP MEMBERSHIP, COMMITTEES, GROUP MEMBERSHIP, OBJECTIVES, PUBLICATIONS, SERVICES,

IN SECTION ONE OF THIS DIRECTORY ARE LISTED MEMBER ORGANIZATIONS OF THE COMMITTEE OF ADULT EDUCATION ORGANIZATIONS, (CAEO), WITH SUCH PERTINENT INFORMATION AS PURPOSE, MEMBERSHIP, STANDING COMMITTEES, SERVICES, PUBLICATIONS, AND ADMINISTRATIVE ADDRESS. OTHER AGENCIES AND THE OFFICIAL OBSERVERS OF CAEO ARE LISTED IN SECTION TWO. THEY INCLUDE ERIC CLEARINGHOUSE ON ADULT EDUCATION, AMERICAN FOUNDATION FOR CONTINUING EDUCATION, COOPERATIVE EXTENSION SERVICE, NATIONAL ASSOCIATION OF TRADE AND TECHNICAL SCHOOLS, AND NTL INSTITUTE FOR APPLIED BEHAVIORAL SCIENCE. THIS DOCUMENT IS ALSO AVAILABLE, FOR $1.00, FROM THE LIBRARY OF CONTINUING EDUCATION AT SYRACUSE UNIVERSITY, 107 RONEY LANE, SYRACUSE, NEW YORK 13210. (PT)

ED 020 489 24 AC 002 668

DECROW, ROGER AND OTHERS

ADULT EDUCATION INFORMATION SERVICES, ESTABLISHMENT OF A PROTOTYPE SYSTEM FOR A NATIONAL ADULT EDUCATION LIBRARY AND APPENDICES. THREE PARTS.

SYRACUSE UNIV., N.Y., LIBRARY OF CONTINUING EDUC.

REPORT NUMBER PROJ-D-152

REPORT NUMBER BR-5-1019

PUB DATE 01 DEC 67

CONTRACT OEC-5-10-118

EDRS PRICE MF-$1.75 HC-$16.76 417P.

DESCRIPTORS-- *ADULT EDUCATION, *INFORMATION PROCESSING, *INFORMATION SYSTEMS, *MODELS, ABSTRACTING, ANNOTATED BIBLIOGRAPHIES, AUTOMATION, CLASSIFICATION, COOPERATIVE PLANNING, DATA PROCESSING, DOCUMENTATION, ELECTROMECHANICAL AIDS, INDEXING, INFORMATION DISSEMINATION, INFORMATION RETRIEVAL, LIBRARIANS, LIBRARY MATERIALS, LIBRARY OF CONTINUING EDUCATION, LIBRARY SCIENCE, SPECIAL LIBRARIES, SYRACUSE UNIVERSITY, SYSTEMS DEVELOPMENT, THESAURI,

RESULTS ARE REPORTED OF A STUDY OF THE FEASIBILITY OF A NATIONAL ADULT EDUCATION INFORMATION CENTER, IN WHICH IT WAS PROPOSED TO (1) STUDY INFORMATION PROBLEMS AND RESOURCES IN ADULT EDUCATION AND RECOMMEND NEW SERVICES WHICH WOULD BE MOST USEFUL TO THE FIELD , (2) DEVELOP THE TOOLS OF SUBJECT ANALYSIS WHICH WOULD BE NEEDED IN THESE SERVICES, AND (3) EXPLORE THE USE OF NEW METHODS OF INFORMATION HANDLING IN THE PROPOSED SERVICES. THE REPORT IS IN SIX SECTIONS. SECTION I REVIEWS CHARACTERISTICS OF THE FIELD OF ADULT EDUCATION. SECTION II TAKES UP THE NATURE OF THE LITERATURE AND PROBLEMS OF ACQUISITION AND SELECTION. SECTION III INCLUDES SUCH PROBLEMS OF BIBLIOGRAPHIC AND SUBJECT ANALYSIS AS CITATIONS, ABSTRACTING, AND INDEXING. SECTION IV DESCRIBES THE WORK IN THE DEVELOPMENT AND EVALUATION OF EXPERIMENTAL INPUT AND SERVICE PRODUCTS, WITH PARTICULAR ATTENTION TO THE ADAPTATION OF MECHANIZATION DEVICES AND TO SYSTEM ANALYSIS PROBLEMS. SECTION V OUTLINES A MODEL INFORMATION SYSTEM AND SECTION VI SPECIFIES THE PARTS OF THIS MODEL WHICH MAY BE PROVIDED BY AN ERIC CLEARINGHOUSE ON ADULT EDUCATION. APPENDIXES ARE DOCUMENTS, STAFF MEMORANDUMS, AND CHARTS WHICH SUPPLEMENT THE REPORT. (EB)

ED 020 490 AL 000 372

A FACT SHEET CONCERNING CLOSED CIRCUIT INSTRUCTIONAL TELEVISION FOR ENGLISH LANGUAGE TEACHING.

SOGANG JESUIT COLLEGE, SEOUL (SOUTH KOREA)

PUB DATE MAR 67

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS-- *CLOSED CIRCUIT TELEVISION, *ENGLISH (SECOND LANGUAGE), *INSTRUCTIONAL MATERIALS, *INSTRUCTIONAL TELEVISION, INSTRUCTIONAL MEDIA, LANGUAGE LABORATORIES, LANGUAGE LABORATORY USE, TEACHING METHODS, TELEVISED INSTRUCTION,

THIS "FACT SHEET" IS A DESCRIPTION OF A PROJECT FINANCED BY THE ASIA FOUNDATION AND THE SOGANG JESUIT COLLEGE IN SEOUL, KOREA, IN 1966. THE PROJECT WAS DESIGNED TO DEVELOP MORE EFFECTIVE ENGLISH LANGUAGE TEACHING TECHNIQUES AT SOGANG COLLEGE WHICH MAY LATER BE APPLIED TO BROADCAST INSTRUCTIONAL TELEVISION IN KOREA. DESCRIBED ARE THE FOLLOWING--(1) THE KEY PRINCIPLES OPERATIVE IN THE SCHEDULE, (2) A SAMPLE SCHEDULE, (3) THE MATERIALS USED (AUDIO LAB TAPES AND "SPOKEN AMERICAN ENGLISH," BY WILLIAM CLARK), (4) AN "IDEAL" DESIGN FOR A FOREIGN LANGUAGE COURSE AS PROPOSED BY JOHN B. CARROLL IN 1963 AND HOW THIS PROGRAM COMPARES WITH IT, (5) THE INSTRUCTIONAL TELEVISION FILM FORMAT, AND (6) STUDENT COMMENTS WHICH INDICATE THAT THEY FOUND THE TV AND PRINTED WORDS ON THE SCREEN HELPFUL AND GAINED A NEW AWARENESS OF THE MEANINGFULNESS OF GESTURES AND ACTIONS. APPENDED IS A TRANSLATION OF THE RESULTS OF A QUESTIONNAIRE GIVEN TO THE FRESHMEN AFTER TWO WEEKS OF STUDY WITH THE TV PRESENTATIONS OF ENGLISH DIALOGS. (AMM)

ED 020 491 AL 000 384

DIEBOLD, A. RICHARD, JR.

THE CONSEQUENCES OF EARLY BILINGUALISM IN COGNITIVE DEVELOPMENT AND PERSONALITY FORMATION.

PUB DATE NOV 66

EDRS PRICE MF-$0.25 HC-$1.36 32P.

DESCRIPTORS-- *BILINGUALISM, *COGNITIVE DEVELOPMENT, *EARLY CHILDHOOD, *LANGUAGE RESEARCH, *PERSONALITY DEVELOPMENT, COGNITIVE ABILITY, INTELLIGENCE DIFFERENCES, INTELLIGENCE LEVEL, LANGUAGE ABILITY, MENTAL ILLNESS, PERSONALITY THEORIES, PSYCHOLINGUISTICS, SECOND LANGUAGES, SEMANTICS, SOCIOLINGUISTICS, SUBCULTURE,

THIS PAPER (WHICH WAS PREPARED FOR A SYMPOSIUM ON "THE STUDY OF PERSONALITY" AT RICE UNIVERSITY, HOUSTON, NOVEMBER, 1966) REVIEWS THE ADVANCES MADE BY INTERDISCIPLINARY LINGUISTIC RESEARCH INTO THE EFFECTS OF EARLY BILINGUALISM. USING THE SAUSSUREAN MODEL OF THE LINGUISTIC SIGN, A DISTINCTION IS MADE BETWEEN "COORDINATE" AND "COMPOUND" BILINGUALS. COMPOUND BILINGUALISM TENDS TO RESULT WHEN THE TWO LANGUAGES ARE ACQUIRED IN A SPEECH COMMUNITY OFFERING THE CHILD EQUAL AND SIMULTANEOUS EXPOSURE TO THE TWO LANGUAGES AND WHERE THE SOCIAL FUNCTIONS OF THE TWO LANGUAGES ARE MINIMALLY DIFFERENTIATED. THE MORE TYPICAL BILINGUAL SITUATION IS ONE IN WHICH ONE OF THE LANGUAGES IS SOCIOLOGICALLY DOMINANT AND IN WHICH THE SOCIAL FUNCTIONS OF THE TWO LANGUAGES ARE DIFFERENT. WHEN BILINGUALS ARE STUDIED IN CONTEXTS WHERE THEIR BILINGUAL OR BICULTURAL BACKGROUND DOES NOT AUTOMATICALLY ASSIGN THEM LOWER STATUS WITHIN A MONOLINGUAL COMMUNITY, IT CAN BE SHOWN "THAT BILINGUALISM IS ASSOCIATED WITH AND MAY IN FACT BE FACILITATIVE OF SIGNIFICANTLY SUPERIOR PERFORMANCES ON BOTH VERBAL AND NON-VERBAL INTELLIGENCE TESTS." CASES OF BILINGUAL PSYCHOPATHOLOGY CAN BE TRACED TO A "CRISIS IN SOCIAL AND PERSONAL IDENTITY ENGENDERED BY ANTAGONISTIC ACCULTURATIVE PRESSURES DIRECTED ON A BICULTURAL COMMUNITY BY A SOCIOLOGICALLY DOMINANT MONOLINGUAL SOCIETY." APPENDED TO THIS PAPER IS A SIX-PAGE BIBLIOGRAPHY ON BILINGUALISM. (JD)

ED 020 492 AL 000 636

APTE, MAHADEO L.

LINGUISTIC METHODOLOGY AND THE TEACHING OF HINDI.

EDRS PRICE MF-$0.25 HC-$0.52 11P.
DESCRIPTORS— *CONTRASTIVE LINGUISTICS, *HINDI, *METHODOLOGY, *SECOND LANGUAGE LEARNING, *TEACHING METHODS, APPLIED LINGUISTICS, CULTURAL FACTORS, GRAMMAR, INTERFERENCE (LANGUAGE LEARNING), LINGUISTICS, PHONOLOGY, SYNTAX, WORD FREQUENCY,
THE IDEAL SITUATION IN THE TEACHING OF HINDI TO AMERICAN STUDENTS SHOULD BE SUCH THAT--(1) THE TEACHER OF HINDI IS AWARE OF ALL THE LIKELY PROBLEMS ENGLISH SPEAKERS MAY FACE IN LEARNING HINDI, (2) THE TEACHER HAS DEVISED WAYS OF OVERCOMING THESE PROBLEMS, (3) HE HAS A HINDI TEXT WHICH IS ORGANIZED AND BASED ON THE RESULTS OF A CONTRASTIVE ANALYSIS OF HINDI AND ENGLISH AND A FREQUENCY ANALYSIS OF HINDI, IS GRADED IN TERMS OF DEGREES OF COMPLEXITY STARTING FROM THE SIMPLE STRUCTURES AND GOING ON TO MORE DIFFICULT ONES, AND IS FULL OF RELEVANT CULTURAL CONTENTS. THE AUTHOR POINTS OUT SOME PHONOLOGICAL AND SYNTACTICAL PROBLEMS WHICH AMERICANS LEARNING HINDI HAVE TO OVERCOME. HE ALSO EMPHASIZES THE NEED FOR AWARENESS OF THE DIFFERENCES AND SIMILARITIES BETWEEN THE STUDENT'S OWN CULTURE AND THAT OF THE LANGUAGE WHICH HE IS LEARNING. (AMM)

ED 020 493 AL 000 797
REES, ALUN L.W.
FROM THEORY TO PRACTICE--SOME CRITICAL OBSERVATIONS ON THE ORGANIZATION AND ASSESSMENT OF TEACHING PRACTICE FOR PROSPECTIVE ENGLISH LANGUAGE TEACHERS.
UNIVERSIDAD NACIONAL DE TRUJILLO (PERU)
PUB DATE SEP 67
EDRS PRICE MF-$0.25 HC-$0.52 11P.
DESCRIPTORS— *ENGLISH (SECOND LANGUAGE), *STUDENT TEACHING, *TEACHER EDUCATION, *TEACHING METHODS,
THE AUTHOR DISCUSSES THE "PRACTICE CLASS" AS IT IS IMPLEMENTED IN THE FINAL YEAR OF THE FIVE-YEAR COURSE FOR SECONDARY SCHOOL TEACHERS OF ENGLISH AT THE NATIONAL UNIVERSITY OF TRUJILLO. THE PERUVIAN STUDENT-TEACHER (WITH 56 HOURS OF THEORETICAL INSTRUCTION, IN ADDITION TO A BACKGROUND IN LINGUISTICS), CONDUCTS A MINIMUM OF 15 ONE-HOUR PRACTICE CLASSES APPROVED AND SUPERVISED BY APPOINTED MEMBERS OF THE STAFF. THE PRACTICE CLASSES ARE CARRIED OUT IN LOCAL SECONDARY SCHOOLS WITH GROUPS OF 25 TO 40 BOYS OR GIRLS WHOSE AGES RANGE FROM 11 TO 19. A SUPERVISOR ("TUTOR") OBSERVES AND LATER DISCUSSES HIS OBSERVATIONS WITH THE TRAINEE AND OTHER TRAINEES WHO MAY BE OBSERVING. A CULMINATING CLASS SESSION IS CONDUCTED BEFORE A JURY OF THREE--TWO TUTORS AND THE HEAD OF THE DEPARTMENT. A SECRET BALLOT DETERMINES PASSING OR FAILING. THE OTHER PROCEEDINGS (CARRIED OUT IN ENGLISH) ARE OPEN TO THE PUBLIC, ACCORDING TO A UNIVERSITY REGULATION. THE AUTHOR ALSO DISCUSSES RECENT IMPROVEMENTS IN THE LANGUAGE DEPARTMENT WHICH HAVE A WIDE RANGE OF APPLICABILITY. THIS ARTICLE APPEARED IN "LENGUAJE Y CIENCIAS," NUMBER 25, SEPTEMBER 1967 PUBLISHED BY THE UNIVERSIDAD NACIONAL DE TRUJILLO IN TRUJILLO, PERU. (AMM)

ED 020 494 AL 000 952
GLADNEY, THOMAS A. KRULEE, GILBERT K.
THE INFLUENCE OF SYNTACTIC ERRORS ON SENTENCE RECOGNITION.
PUB DATE OCT 67
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *PERCEPTION, *RECOGNITION, *SENTENCE STRUCTURE, *SENTENCES, ENGLISH, FORM CLASSES (LANGUAGE), LANGUAGE RESEARCH, RECALL (PSYCHOLOGICAL), SYNTAX,
IN THIS EXPERIMENT ERRORS WERE SYSTEMATICALLY INTRODUCED INTO A SERIES OF SENTENCES TO STUDY THEIR EFFECT ON RECOGNITION AND RECALL OF THE SENTENCES. THE SUBJECTS, 32 ADULTS, WERE SHOWN SLIDES OF SENTENCES CONTAINING A SINGLE ERROR ("THE IMPATIENT COMPOSED A SYMPHONY FOR THE ORCHESTRA") AS WELL AS CONTROL SENTENCES WITHOUT ERRORS. THE VIEWING TIME REQUIRED TO PERCEIVE AND REPEAT EACH SENTENCE WAS RECORDED. EXPERIMENTAL VARIABLES INCLUDED--TWO BASIC SYNTACTIC STRUCTURES, THREE ALTERNATE POSITIONS FOR THE ERROR (SUBJECT NOUN, VERB, OBJECT NOUN), TWO PARTS OF SPEECH FOR INTRODUCTION OF THE ERROR (ADJECTIVE, ADVERB), AND PREVIOUS KNOWLEDGE OF THE CORRECTNESS OF THE SENTENCE TO BE VIEWED. IN GENERAL, THE EFFECT OF AN ERROR WAS TO INCREASE THE VIEWING TIME FOR THE SENTENCE WHILE KNOWLEDGE THAT A SENTENCE WOULD BE CORRECT OR INCORRECT HAD NO EFFECT ON SUBJECT PERFORMANCE. ERRORS OCCURRING IN THE MAIN VERB WERE MORE DISRUPTIVE THAN WERE ERRORS IN EITHER THE SUBJECT OR OBJECT POSITION. ADVERB ERRORS AND ADJECTIVE ERRORS HAD APPROXIMATELY THE SAME EFFECT ALTHOUGH THERE IS A COMPLICATED INTERACTION BETWEEN TYPE OF SENTENCE, FORM OF ERROR, AND POSITION OF ERROR. PERFORMANCE ON THE TWO SYNTACTIC TYPES OF SENTENCES DIFFERED WITH INTRODUCTION OF ERRORS. THIS ARTICLE APPEARS IN THE "JOURNAL OF VERBAL LEARNING AND VERBAL BEHAVIOR," VOLUME 6, NUMBER 5, OCTOBER 1967, PUBLISHED BY ACADEMIC PRESS, 111 FIFTH AVENUE, N.Y., N.Y. 10003. (JD)

ED 020 495 AL 000 956
DAS GUPTA, J. GUMPERZ, JOHN J.
LANGUAGE, COMMUNICATION AND CONTROL IN NORTH INDIA. WORKING PAPER NUMBER 7.
CALIFORNIA UNIV., BERKELEY, LANG.-BEHAV. RES. LAB.
PUB DATE JAN 68
EDRS PRICE MF-$0.25 HC-$1.08 25P.
DESCRIPTORS— *COMMUNICATION (THOUGHT TRANSFER), *HINDI, *LANGUAGE, *SOCIAL MOBILITY, INTERACTION, LANGUAGE RESEARCH, LANGUAGE ROLE, LANGUAGE STANDARDIZATION, LANGUAGE STYLES, NORTH INDIA, UTTAR PRADESH,
SINCE LINGUISTS HAVE ONLY RECENTLY TURNED FROM GRAMMATICAL ANALYSIS TO CONSIDER THE ROLE OF LANGUAGE IN SOCIETY, THE STUDY OF MODERNIZATION HAS BEEN LEFT LARGELY TO SOCIAL SCIENTISTS WHO CAN HARDLY BE EXPECTED TO DEAL WITH LINGUISTIC QUESTIONS. LANGUAGE PROBLEMS, HOWEVER, ARE KNOWN TO PLAGUE DEVELOPING SOCIETIES. IN POST-INDEPENDENCE INDIA, NATIONAL LANGUAGE, THE LINGUISTIC STATES ISSUE, PROBLEMS OF SCRIPT, AND MINORITY GROUP CLAIMS FOR LINGUISTIC AUTONOMY HAVE LONG PLAYED A DOMINANT PART IN PUBLIC LIFE. SO FAR SUCH PROBLEMS TEND TO BE TREATED PRIMARILY AS CULTURAL OR POLITICAL ISSUES. FEW ATTEMPTS HAVE BEEN MADE TO EXAMINE THEIR RELATION TO MASS COMMUNICATION, SOCIAL MOBILITY, SOCIAL CONTROL, AND OTHER ASPECTS OF SOCIOECONOMIC DEVELOPMENT. THE PRESENT PAPER EXPLORES THIS PROBLEM BY EXAMINING THE LINGUISTIC POLICIES AND PRACTICES OF TWENTIETH CENTURY LANGUAGE SOCIETIES IN THE NORTH INDIAN STATE OF UTTAR PRADESH. THE AUTHORS ATTEMPT TO DEMONSTRATE THE CLOSE INTERDEPENDENCE BETWEEN COMMUNICATION AND POLITICAL PROCESSES BY SHOWING HOW THE POLICIES AND ACTIVITIES OF THESE INTEREST GROUPS BOTH AFFECT INTERNAL COMMUNICATION CHANNELS AND ARE IN TURN AFFECTED BY THEM. (AUTHOR/AMM)

ED 020 496 48 AL 001 000
SUPPES, PATRICK AND OTHERS
SOME QUANTITATIVE STUDIES OF RUSSIAN CONSONANT PHONEME DISCRIMINATION. PSYCHOLOGY SERIES.
STANFORD UNIV., CALIF. INST. FOR MATH. STUDIES
REPORT NUMBER NDEA-6-92
REPORT NUMBER TR-49
PUB DATE 14 SEP 62
CONTRACT OEC-SAE-9514
EDRS PRICE MF-$0.50 HC-$4.44 109P.
DESCRIPTORS— *PSYCHOLINGUISTICS, *RUSSIAN, *SECOND LANGUAGE LEARNING, *VERBAL STIMULI, AUDITORY DISCRIMINATION, CONSONANTS, LEARNING THEORIES, MATHEMATICAL MODELS, PAIRED ASSOCIATE LEARNING, PHONEMES, RECOGNITION, STIMULUS RESPONSE THEORY, SYLLABLES,
WITH THE INTENTION OF APPLYING A MATHEMATICAL THEORY OF LEARNING TO SECOND LANGUAGE ACQUISITION, A TWO-PART EXPERIMENT USING TWO SETS OF 20 STUDENTS WAS CONDUCTED AT STANFORD UNIVERSITY. IN EXPERIMENT I THE SS (SUBJECTS) WERE ASKED TO DISTINGUISH DIFFERENCE OR SAMENESS IN PAIRS OF INITIAL RUSSIAN SYLLABLES. THESE 144 SYLLABLES WERE GROUPED INTO CONTRASTING PAIRS DIFFERING ONLY IN THE INITIAL CONSONANT PHONEME. THESE CONTRASTS WERE THEN CLASSIFIED ACCORDING TO EXPECTED DIFFICULTY OF DISCRIMINATION AND PRODUCTION FOR AN AMERICAN WITH NO KNOWLEDGE OF RUSSIAN. THE PAIRS OF SYLLABLES WERE PLAYED TO SS OVER A LOUDSPEAKER, AND THE SS WERE TOLD TO GIVE AN IMMEDIATE RESPONSE OF EITHER "SAME" OR "DIFFERENT" TO EACH SET. EXPERIMENT II WAS BASICALLY THE SAME AS I, WITH SLIGHT CHANGES IN THE SELECTION OF SUBJECTS AND STIMULUS MATERIAL. A LINGUISTIC INTERPRETATION OF THE RESULTS INDICATES THAT--(1) AN ADDITIONAL PRESENTATION OF THE VOICED-VOICELESS CONTRASTS MIGHT RESULT IN NEARLY PERFECT IDENTIFICATION, AND THAT PEDAGOGICALLY, REPEATED TRIALS ON THE SAME CONCEPT COULD BE MORE EFFECTIVE THAN RANDOM PRESENTATION, (2) GENERALLY, FRICATIVES ARE MORE EASILY DISTINGUISHED THAN STOPS, (3) SUBJECTS HAD DIFFICULTY DISTINGUISHING BETWEEN VOICED AND VOICELESS STOPS IN RUSSIAN, AND (4) MOST OF THE FINDINGS FULFILL THE EXPECTATIONS RESULTING FROM A CONTRASTING PHONEMIC ANALYSIS OF RUSSIAN AND ENGLISH. (FB)

ED 020 497 AL 001 045
OTT, ELIZABETH H.
BASIC EDUCATION FOR SPANISH-SPEAKING DISADVANTAGED PUPILS.
EDRS PRICE MF-$0.25 HC-$1.00 23P.
DESCRIPTORS— *BILINGUAL EDUCATION, *BILINGUAL STUDENTS, *DISADVANTAGED YOUTH, *ENGLISH (SECOND LANGUAGE), *SPANISH SPEAKING, AUSTIN TEXAS, ECONOMICALLY DISADVANTAGED, LANGUAGE PROGRAMS, MEXICAN AMERICANS, NON ENGLISH SPEAKING, SOUTHWEST EDUCATIONAL DEVELOPMENT LAB, SWEDL, TENL,
A BILINGUAL EDUCATION PROGRAM HAS BEEN FIELD TESTED IN SAN ANTONIO, TEXAS, IN CLASSES OF DISADVANTAGED MEXICAN-AMERICAN CHILDREN. THIS SOUTHWEST EDUCATIONAL DEVELOPMENT LABORATORY (SWEDL) PROGRAM IS ALSO APPLICABLE TO TEACHING FRENCH ACADIANS AND NEGRO AMERICANS. THE STRENGTH OF THE PROGRAM, ACCORDING TO THE AUTHOR, LIES IN WHAT IT DOES TO CHANGE THE CHILDREN. IT HELPS THEM BECOME "INTELLECTUALLY CURIOUS, PROFOUNDLY SENSITIVE TO OPPORTUNITIES AROUND THEM, AND FRIENDLY AND RESPONSIVE HUMAN BEINGS." BY TALKING FIRST ABOUT AN IMPERSONAL SUBJECT LIKE SCIENCE, THE CHILDREN GAIN LANGUAGE PROFICIENCY AND CONFIDENCE WHICH ENABLES THEM TO MOVE TOWARD LEARNING ABOUT SOCIAL STUDIES, AND HOW THEY FIT INTO THE LARGER WORLD BEYOND THEIR NEIGHBORHOODS. READING IN THE TWO LANGUAGES IS INTRODUCED EARLY AND IS BASED ON WHAT THEY HAVE LEARNED TO UNDERSTAND AND USE ORALLY. SUBJECT MATERIALS ARE TAUGHT IN BOTH SPANISH

AND ENGLISH AT SEPARATE PERIODS DURING THE DAY. A DESCRIPTION OF HORN'S LANGUAGE RESEARCH PROJECT (BEGUN IN 1964 AND STILL ONGOING IN THE SAN ANTONIO SCHOOL DISTRICT) AND THE OTT STUDY (THE SPANISH-ENGLISH FLUENCY TEST WHICH WAS GIVEN TO CHILDREN PARTICIPATING IN THE HORN PROJECT) IS FOLLOWED BY TEST DATA. (AMM)

ED 020 498 48 AL 001 072
LANE, HARLAN AND OTHERS
EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION. PROGRESS REPORT NO. I, FEBRUARY 1–SEPTEMBER 1, 1961.
MICHIGAN UNIV., ANN ARBOR,COLL.OF LIT.,SCI.,ARTS
REPORT NUMBER ORAP-04411-1-P
PUB DATE SEP 61
CONTRACT OEC-SAE-9265
EDRS PRICE MF-$1.00 HC-$10.56 262P.

DESCRIPTORS— *AUDITORY DISCRIMINATION, *LANGUAGE RESEARCH, *PROGRAMED INSTRUCTION, *SECOND LANGUAGE LEARNING, ACOUSTICS, APHASIA, AUDITORY PERCEPTION, EXPERIMENTAL PROGRAMS, LANGUAGE INSTRUCTION, OPERANT CONDITIONING, ORAL COMMUNICATION, PSYCHOLINGUISTICS, SPEECH, STRESS VARIABLES, TEACHING MACHINES,

THIS DOCUMENT IS THE FIRST IN A SERIES REPORTING ON PROGRESS OF AN EXPERIMENTAL RESEARCH PROGRAM IN SPEECH CONTROL. THE TOPICS DISCUSSED ARE–(1) THE DISCONTINUITY OF AUDITORY DISCRIMINATION LEARNING IN HUMAN ADULTS, (2) DISCRIMINATIVE CONTROL OF CONCURRENT RESPONSES–THE RELATIONS AMONG RESPONSE FREQUENCY, LATENCY, AND TOPOGRAPHY IN AUDITORY GENERALIZATION, (3) EFFECTS OF CHANGING VOWEL PARAMETER ON PERCEIVED LOUDNESS AND STRESS, (4) OPERANT RECONDITIONING OF A CONSONANT DISCRIMINATION IN AN APHASIC, (5) TEACHING MACHINES AND PROGRAMMED LEARNING, (6) SOME DIFFERENCES BETWEEN FIRST AND SECOND LANGUAGE LEARNING, (7) TECHNIQUES OF OPERANT CONDITIONING APPLIED TO SECOND LANGUAGE LEARNING, (8) EXPERIMENTATION IN THE CLASSROOM–GUIDELINES AND SUGGESTED PROCEDURES FOR THE CLASSROOM TEACHER. (SEE RELATED DOCUMENTS ED 003 883 THROUGH ED 003 887 AND AL 001 073 FOR LATER PROGRESS REPORTS.) (DO)

ED 020 499 AL 001 073
LANE, HARLAN AND OTHERS
EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION–II. PROGRESS REPORT 2, SEPTEMBER 1, 1961 TO FEBRUARY 1, 1962.
MICHIGAN UNIV., ANN ARBOR,COLL.OF LIT.,SCI.,ARTS
REPORT NUMBER ORAP-04411-2-P
PUB DATE MAR 62
CONTRACT OEC-SAE-9265
EDRS PRICE MF-$0.75 HC-$7.92 196P.

DESCRIPTORS— *LANGUAGE RESEARCH, *ORAL COMMUNICATION, *PERCEPTION, *SPEECH, ACOUSTICS, AUDITORY PERCEPTION, AURAL STIMULI, EXPERIMENTAL PROGRAMS, PERSONALITY STUDIES, PSYCHOLINGUISTICS, REINFORCEMENT, VOWELS,

THIS DOCUMENT REPORTS THE PROGRESS FROM SEPTEMBER 1, 1961 TO FEBRUARY 1, 1962 OF AN EXPERIMENTAL PROGRAM IN SPEECH CONTROL. THE TOPICS DISCUSSED ARE–(1) PARAMETERS OF VOWEL PERCEPTION, (2) RELATIONS AMONG RESPONSE RATE, TOPOGRAPHY, AND SCHEDULES OF REINFORCEMENT--METHODS AND FINDINGS IN AN ANALYSIS OF THE VOCAL OPERANT, (3) FOREIGN ACCENT AND SPEECH DISTORTION, (4) METHODS FOR SELF-SHAPING ECHOIC BEHAVIOR, (5) EFFECTS OF TRAINING ON ESTIMATES OF VOWEL LOUDNESS, (6) JUDGMENT OF PERSONAL CHARACTERISTICS AND EMOTIONS FROM THE NONVERBAL PROPERTIES OF SPEECH, AND (7) PERSONALITY STEREOTYPES IN VOICE–A RECONSIDERATION OF THE DATA. (SEE RELATED DOCUMENTS ED 003 883 THROUGH ED 003 887 AND AL 00L 072.) (DO)

ED 020 500 AL 001 167
WALKER, RALPH H.
TEACHING THE PRESENT PERFECT TENSES.
PUB DATE DEC 67
EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *ENGLISH (SECOND LANGUAGE), *INSTRUCTIONAL MATERIALS, *TEACHING TECHNIQUES, *VERBS, INTERFERENCE (LANGUAGE LEARNING), NON ENGLISH SPEAKING,

THE SIMPLE PRESENT PERFECT AND PRESENT PERFECT CONTINUOUS ARE FOR THE NON-NATIVE SPEAKER OF ENGLISH TWO OF THE MOST TROUBLESOME TENSES IN THE ENGLISH VERB SYSTEM. THEY ARE SOMETIMES CONFUSED WITH A PRESENT TENSE AND SOMETIMES WITH A PAST. ONE OFTEN HEARS A NON-NATIVE SPEAKER OF ENGLISH USE A SIMPLE PRESENT WHERE HE SHOULD USE A SIMPLE PRESENT PERFECT, A PRESENT CONTINUOUS WHERE HE SHOULD USE A PRESENT PERFECT CONTINUOUS, OR A SIMPLE PRESENT PERFECT WHERE HE SHOULD USE A SIMPLE PAST. SOMETIMES THIS IS JUST A CARELESS MISTAKE, BUT MORE OFTEN IT IS A SUBSTITUTION WHICH THE SPEAKER REGULARLY MAKES, TRANSFERRING A STRUCTURE FROM HIS NATIVE LANGUAGE INTO ENGLISH. HE MAKES THIS TRANSFERENCE BECAUSE HE LACKS AN UNDERSTANDING OF THE NATURE OF THESE TWO TENSES, WHICH ARE NEITHER WHOLLY PRESENT NOR WHOLLY PAST, BUT PARADOXICALLY BOTH PRESENT AND PAST. A DESCRIPTION OF THESE TWO TENSES, DRILLS AND EXERCISES INVOLVING THEIR USE, AND EXERCISES TO CONTRAST THE TWO ARE PRESENTED. THIS ARTICLE APPEARS IN "TESOL QUARTERLY," VOLUME 1, NUMBER 4, DECEMBER 1967, PUBLISHED BY TEACHERS OF ENGLISH TO SPEAKERS OF OTHER LANGUAGES, AT THE INSTITUTE OF LANGUAGES AND LINGUISTICS, GEORGETOWN UNIVERSITY, WASHINGTON, D.C. 20007. (AUTHOR/AMM)

ED 020 501 AL 001 184
CROCKETT, DINA B.
SECONDARY ONOMATOPOEIA IN RUSSIAN (PRELIMINARY REPORT).
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *ASSOCIATION (PSYCHOLOGICAL), *LANGUAGE UNIVERSALS, *RUSSIAN, *STIMULUS BEHAVIOR, *VOWELS, LANGUAGE RESEARCH, PSYCHOLOGICAL PATTERNS, SECONDARY ONOMATOPOEIA, SOUND SYMBOLISM, VISUAL STIMULI,

SECONDARY ONOMATOPOEIA, ALSO REFERRED TO AS "SOUND-SYMBOLISM," DESIGNATES THE REPRESENTATION IN SPEECH SOUNDS OF NON-ACOUSTIC EXPERIENCES. THE NON-ACOUSTIC EXPERIENCES DEALT WITH ARE VISUAL (IMPRESSIONS OF MAGNITUDE AND LUMINOSITY) AND EMOTIONAL (MOODS OF GLOOM AND HAPPINESS). THIS PAPER DESCRIBES AN EMPIRICAL STUDY DESIGNED TO EXPLORE THE POSSIBILITY THAT–(1) RUSSIANS ASSOCIATE DIFFUSE VOWEL SOUNDS WITH SMALL MAGNITUDES, AND COMPACT VOWEL SOUNDS WITH LARGE ONES, AND (2) THEY ASSOCIATE ACUTE VOWEL SOUNDS WITH BRIGHT LIGHT AND HAPPINESS, AND GRAVE VOWEL SOUNDS WITH DARKNESS AND GLOOM. THIS STUDY WAS TAKEN UP IN VIEW OF PREVIOUS EXPERIMENTS, ESPECIALLY THOSE REPORTED BY MAXIME CHASTAING IN "ARCHIVUM LINGUISTICUM." THE RESULTS OF THE EXPERIMENT DESCRIBED HERE (CARRIED OUT IN THE SOVIET UNION IN 1967 WITH APPROXIMATELY 200 NATIVE RUSSIANS) SEEM TO INDICATE THAT VOWEL SOUNDS HAVE THE SAME CONNOTATIONS FOR RUSSIANS AS THEY DO FOR ENGLISH AND FRENCH SPEAKERS. SECONDARY ONOMATOPOEIA MAY THEREFORE BE A UNIVERSAL PHENOMENON. (AUTHOR/AMM)

ED 020 502 AL 001 191
PRIDE, J.B.
NOTES ON CURRENT DEVELOPMENTS IN THE STUDY OF LANGUAGE IN CULTURE AND SOCIETY.
COMMITTEE ON RES. AND DEVELOP. IN MODERN LANGUAGES
EDRS PRICE MF-$0.50 HC-$3.28 80P.

DESCRIPTORS— *CULTURE, *LANGUAGE RESEARCH, *LINGUISTICS, *SOCIAL SCIENCES, *SOCIOLINGUISTICS, RESEARCH METHODOLOGY, RESEARCH UTILIZATION, RESEARCHERS,

IN THIS PAPER THE AUTHOR IS PRESENTING AN OVERVIEW OF CURRENT RESEARCH, BOTH IN THE FIELD OF LINGUISTICS AND IN OTHER FIELDS, ON THE LINGUISTIC EXPRESSION OF SOCIAL AND CULTURAL MEANING. THE MAJOR TOPICS DISCUSSED INCLUDE–(1) CULTURAL COMPENTENCE (LANGUE AND PAROLE, CO-EXISTING COMPETENCES), (2) DOMAINS AND ROLE RELATIONS, (3) SPEECH FUNCTIONS, (4) METHOD, (5) THE SPEECH EVENT, AND (6) NATIVE AND SECOND LANGUAGE LEARNING. APPENDICES TO THE PAPER INCLUDE BIBLIOGRAPHIES OF THE SEVERAL TOPICS AND A SECTION ON QUESTIONS AND REQUESTS. MOST OF THE WORK CITED IS BRITISH OR AMERICAN. THE AUTHOR IS CURRENTLY AT THE SCHOOL OF ENGLISH, UNIVERSITY OF LEEDS, LEEDS, ENGLAND. (JD)

ED 020 503 AL 001 202
LEHMANN, W.P.
MACHINE TRANSLATION RESEARCH DURING THE PAST TWO YEARS.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.48 10P.

DESCRIPTORS— *COMPUTATIONAL LINGUISTICS, *LANGUAGE RESEARCH, *MACHINE TRANSLATION, APPLIED LINGUISTICS, DEEP STRUCTURE, SURFACE STRUCTURE, TRANSFORMATION GENERATIVE GRAMMAR,

THE AUTHOR RECOUNTS THE RISE IN IMPORTANCE OF MACHINE TRANSLATION, WHICH TOGETHER WITH LANGUAGE LEARNING AND TEACHING COMPRISE THE MAJOR FIELDS OF APPLIED LINGUISTICS. MUCH OF THE RECENT THEORETICAL WORK ON LANGUAGE DEALS WITH THE PROBLEM OF THE RELATIONSHIP BETWEEN THE SURFACE SYNTACTIC STRUCTURE OF LANGUAGE AND THE UNDERLYING STRUCTURE. THE CURRENT DEBATE IS BETWEEN LINGUISTS WHO SET UP SEVERAL SYNTACTIC LEVELS AND THOSE WHO SEE UNDERLYING (DEEP) STRUCTURE AS SEMANTIC. THE AUTHOR DESCRIBES THE STRATEGY BEING USED IN COMPUTATIONAL LINGUISTICS AS BEING OF TWO TYPES. IN THE FIRST APPROACH, A SELECTED THEORY OF LANGUAGE IS ASSUMED TO BE PRODUCTIVE AND USEFUL, AND EFFORTS ARE MADE TO SIMULATE IT. IF THE THEORY SELECTED REGARDS THE RELATIONSHIP BETWEEN SURFACE AND DEEP STRUCTURE AS TRANSFORMATIONAL, EFFORTS ARE MADE TO PROGRAM SIMULATED TRANSFORMS ON THE COMPUTER. THE OTHER STRATEGY, "OPERATIONAL," IS AN ATTEMPT TO HANDLE AS MUCH OF THE LANGUAGE AS POSSIBLE FROM SURFACE STRUCTURE. EXAMPLES OF THE RUSSIAN SYNTACTIC ANALYSIS PRODUCED AT THE IBM THOMAS J. WATSON RESEARCH CENTER IN 1967, AND OTHER WORK IN TRANSFORMATIONAL SYSTEMS ARE ALSO BRIEFLY DESCRIBED. THIS PAPER WAS DELIVERED AT THE SURVEY SEMINAR IN COMPUTATIONAL LINGUISTICS IN HONOLULU, MARCH 1968, UNDER THE AUSPICES OF THE UNITED STATES-JAPAN JOINT COMMITTEE ON SCIENTIFIC COOPERATION. (AMM)

ED 020 504 AL 001 259
LIBAW, FRIEDA B.
THE LINGUA PLAN.
GALTON INSTITUTE, LOS ANGELES, CALIF.
REPORT NUMBER GRN-0-301
PUB DATE MAR 68
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *BILINGUAL EDUCATION, *ELEMENTARY EDUCATION, *EXPERIMENTAL PROGRAMS, *PROGRAM DESCRIPTIONS,

*SPANISH SPEAKING, BILINGUAL STUDENTS, CULTURAL FACTORS, CULTURAL IMAGES, DISADVANTAGED GROUPS, ENGLISH (SECOND LANGUAGE), MEXICAN AMERICANS, PROGRAM DESIGN, PROGRAM GUIDES,

INCLUDED IN THIS DOCUMENT ARE THE RATIONALE AND OUTLINE OF THE "LINGUA PLAN," A BILINGUAL EDUCATION PROGRAM DEVELOPED BY THE STAFF OF THE GALTON INSTITUTE TO IMPROVE THE PRIMARY EDUCATION OF MEXICAN AMERICAN CHILDREN WHO ENTER KINDERGARTEN WITH LITTLE OR NO KNOWLEDGE OF ENGLISH. THE MAJOR PURPOSE OF PROJECT LINGUA IS TO DETERMINE WHETHER (1) CLASSROOM USE OF THE CHILD'S NATIVE LANGUAGE, (2) SPECIAL MATERIALS WRITTEN TO REFLECT MEXICAN AMERICAN CULTURAL VALUES, OR (3) A COMBINATION OF BOTH IS MOST EFFECTIVE IN RAISING THE LEVEL OF EDUCATIONAL ACHIEVEMENT OF SPANISH-SPEAKING MEXICAN AMERICAN CHILDREN. THE COMPARATIVE EFFECTIVENESS OF THESE DIFFERENT FACTORS WOULD BE TESTED THROUGH ACTUAL CLASSROOM TEACHING. PROCEDURES TO IMPLEMENT THE PLAN ARE DESCRIBED IN THIS DOCUMENT AND CENTER ON--(1) SELECTION OF CHILDREN AND TEACHERS, (2) IMPLEMENTATION (TEACHER TRAINING, CURRICULUM DEVELOPMENT), (3) EVALUATION, AND (4) DISSEMINATION OF FINDINGS. APPENDED ARE A REVIEW OF OTHER BILINGUAL EDUCATION PROGRAMS AND THREE BIBLIOGRAPHIES OF RECENT WORK IN THIS AREA, CHILDREN'S BOOKS IN SPANISH, AND LISTS OF SPANISH CLASSROOM MATERIALS. THE PUBLISHER OF THIS DOCUMENT IS THE GALTON INSTITUTE, P.O. BOX 35336, PREUSS STATION, LOS ANGELES, CALIFORNIA 90035. (JD)

ED 020 505 **AL 001 260**

REES, ALUN L.W.

RUNNING A LANGUAGE LABORATORY.

UNIVERSIDAD NACIONAL DE TRUJILLO (PERU)

PUB DATE MAR 68

EDRS PRICE MF-$0.25 HC-$0.60 13P.

DESCRIPTORS— *AUDIOLINGUAL METHODS, *ENGLISH (SECOND LANGUAGE), *LANGUAGE LABORATORIES, LANGUAGE INSTRUCTION, LANGUAGE LABORATORY USE, LANGUAGE PROGRAMS, TEACHER EDUCATION,

THIS ARTICLE DESCRIBES THE LANGUAGE LABORATORY AT THE NATIONAL UNIVERSITY OF TRUJILLO AS IT IS USED IN THE FIVE-YEAR ENGLISH TEACHER TRAINING PROGRAM. THE FIRST TWO YEARS OF THIS COURSE ARE INTENSIVE, BASED ON A STUDY OF ENGLISH USING LADO-FRIES MATERIALS (FOR LATIN AMERICAN LEARNERS) WHICH REQUIRE FIVE HOURS OF CLASSWORK A WEEK SUPPLEMENTED BY FIVE HOURS IN THE LANGUAGE LAB. CLASSES ARE SCHEDULED BY THE HOUR WITH DIFFERENT MONITORS FOR THE VARIOUS GROUPS. A REGULAR 50-MINUTE SESSION BEGINS WITH A FREE CONVERSATION WARM-UP, AFTER WHICH BOOKS AND OTHER STUDENT PARAPHERNALIA ARE REMOVED BEFORE DRILLS BEGIN. A SHORT BREAK AFTER THE FIRST 25 MINUTES (FOR ROLL CALL) IS FOLLOWED BY A SHORT LANGUAGE GAME AND FURTHER DRILLS. THE FOUR-PHASE DRILLS (WHICH ACCOMPANY THE LADO-FRIES MATERIALS) OFFER A VARIETY OF ORAL WORK AND RANGE OF VOICES. STUDENTS ARE STRICTLY MONITORED BY A TEACHER LISTENING IN AND STRUCTURAL ERRORS AND CARELESS PRONUNCIATION ARE CORRECTED ON THE SPOT. MORE FUNDAMENTAL PROBLEMS ARE NOTED ON SLIPS AND SENT TO THE CLASSROOM TEACHERS. A PRACTICAL DISCUSSION OF THE CARE AND CATALOGING OF THE TAPES CONCLUDES THE PAPER. THIS ARTICLE APPEARED IN "LENGUAJE Y CIENCIAS," NUMBER 27, MARCH 1968, PUBLISHED BY THE UNIVERSIDAD NACIONAL DE TRUJILLO, IN TRUJILLO, PERU. (AMM)

ED 020 506 **AL 001 262**

CHAFE, WALLACE L.

ENGLISH NOUN INFLECTION AND RELATED MATTERS FROM A GENERATIVE SEMANTIC POINT OF VIEW.

CALIFORNIA UNIV., BERKELEY

REPORT NUMBER POLA-2-6

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$2.36 57P.

DESCRIPTORS— *ENGLISH, *GENERATIVE GRAMMAR, *NOMINALS, *SEMANTICS, ADJECTIVES, DETERMINERS (LANGUAGES), GENERATIVE SEMANTICS, LANGUAGE PATTERNS, LANGUAGE RESEARCH, PLURALS, SURFACE STRUCTURE,

THIS PAPER DEALS WITH THE SEMANTIC PHENOMENA WHICH UNDERLIE THE SURFACE STRUCTURE OCCURRENCE (OR NONOCCURRENCE) IN THE NEIGHBORHOOD OF ENGLISH NOUNS OF SUCH ITEMS AS THE DEFINITE AND INDEFINITE ARTICLES AND THE PLURAL SUFFIX. THE INFLECTION OF ENGLISH NOUNS IS DISCUSSED IN SEMANTIC TERMS. RULES ARE GIVEN FOR THE GENERATION OF THESE INFLECTIONS IN SEMANTIC STRUCTURE, AND FOR THEIR SUBSEQUENT CONVERSION INTO SURFACE STRUCTURE. SOME RELATED SEMANTIC CHARACTERISTICS OF ADJECTIVES AND QUANTIFIERS ARE ALSO DISCUSSED. THE PAPER SEEKS TO DEMONSTRATE THAT A DESCRIPTION OF A LANGUAGE IN THESE TERMS IS NOT ONLY POSSIBLE, BUT ALSO MORE REVEALING THAN A DESCRIPTION IN TERMS OF GENERATIVE SYNTAX. (AUTHOR/AMM)

ED 020 507 **AL 001 263**

CHAFE, WALLACE L.

ENGLISH QUESTIONS.

CALIFORNIA UNIV., BERKELEY

REPORT NUMBER POLA-2-6

PUB DATE APR 68

EDRS PRICE MF-$0.50 HC-$2.60 63P.

DESCRIPTORS— *ENGLISH, *GENERATIVE GRAMMAR, *SEMANTICS, DEEP STRUCTURE, LANGUAGE RESEARCH, SURFACE STRUCTURE,

THIS PAPER CONSIDERS SEVERAL TYPES OF ENGLISH SENTENCES WHICH ARE UTTERED FOR THE PURPOSE OF ELICITING A LINGUISTIC RESPONSE FROM THE HEARER AND WHICH, ON THAT BASIS, CAN BE CLASSED AS QUESTIONS. A SEMANTIC UNIT "PLUS INTERROGATIVE", WHOSE MEANING IS THAT THE SPEAKER REQUESTS NEW INFORMATION FROM THE HEARER, IS SEEN TO PLAY A ROLE IN MORE THAN ONE TYPE OF QUESTION. A QUESTION WITH THE SEMANTIC UNIT "PLUS CONFIRMATIVE" DOES NOT REQUEST NEW INFORMATION, BUT RATHER CONFIRMATION OF SOME MORE OR LESS TENTATIVE KNOWLEDGE WHICH THE SPEAKER ALREADY HAS. QUESTIONS WITH THE UNIT "PLUS ECHO" ARE SEEN AS REPETITIONS OF IMMEDIATELY PRECEDING SENTENCES UTTERED BY THE OTHER PERSON, REPETITIONS INTENDED PRIMARILY AS CHECKS ON THE CORRECTNESS OF PERCEPTION. THE AUTHOR FEELS THAT THESE SEMANTIC OBSERVATIONS MUST BE ACCOUNTED FOR IN A DESCRIPTION OF ENGLISH THAT PRETENDS TO ANY KIND OF ADEQUACY. A NUMBER OF TENTATIVE, LOOSELY FORMULATED RULES ARE SUGGESTED AS POSSIBLE WAYS OF INCORPORATING THESE CONSIDERATIONS INTO A FORMALIZATION OF ENGLISH SEMANTIC STRUCTURE. (AUTHOR/DO)

ED 020 508 **AL 001 277**

SAMUELS, S. JAY

THE PSYCHOLOGY OF LANGUAGE.

PUB DATE APR 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *LANGUAGE DEVELOPMENT, *LANGUAGE RESEARCH, *LINGUISTICS, *PSYCHOLINGUISTICS, LANGUAGE, SYNTAX, VERBAL DEVELOPMENT,

IN THIS ARTICLE THE AUTHOR GIVES AN OVERVIEW OF DEVELOPMENTS IN THE FIELD OF PSYCHOLINGUISTICS DURING THE PERIOD FOLLOWING THE PUBLICATION OF VOLUME 34, NUMBER 2 OF "REVIEW OF EDUCATIONAL RESEARCH" IN APRIL 1964. DISCUSSED ARE (1) LEARNING AND NATIVISTIC THEORIES OF LANGUAGE ACQUISITION, (2) EMPIRICAL FINDINGS IN DEVELOPMENTAL PSYCHOLINGUISTICS, (3) LANGUAGE THEORY AND LANGUAGE BEHAVIOR, AND (4) THE PSYCHOLOGY OF LANGUAGE AND SCHOOL LEARNING. APPENDED IS A BIBLIOGRAPHY OF WORKS CITED. THIS ARTICLE APPEARED IN "REVIEW OF EDUCATIONAL RESEARCH," VOLUME 37, NUMBER 2, APRIL 1967. (DO)

ED 020 509 **AL 001 278**

VON RAFFLER ENGEL, WALBURGA

THE INSUFFICIENCY OF THE TRANSFORMATIONAL APPROACH TO CHILD LANGUAGE.

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$0.48 10P

DESCRIPTORS— *CHILD DEVELOPMENT, *LANGUAGE DEVELOPMENT, *PSYCHOLINGUISTICS, *TRANSFORMATION THEORY (LANGUAGE), CHILD LANGUAGE, LANGUAGE RESEARCH, TRANSFORMATION GENERATIVE GRAMMAR, VERBAL DEVELOPMENT,

THE AUTHOR FEELS THAT TO APPROACH CHILD LANGUAGE TRANSFORMATIONALLY IS TO USE A TECHNIQUE SUITED TO PROVIDING ADDITIONAL INSIGHT INTO A WELL-KNOWN LANGUAGE FOR TREATING AN UNKNOWN, OR AT BEST LITTLE KNOWN LANGUAGE. SHE MAKES THE FOLLOWING CRITICISMS OF TRANSFORMATIONAL ANALYSIS OF CHILD LANGUAGE--(1) NOTHING CAN BE DIRECTLY INFERRED WITH REGARD TO THE PROCESS OF LANGUAGE ACQUISITION FROM TENTATIVE INSIGHTS INTO THE MECHANISM OF NATURAL LANGUAGE, (2) THE HUMAN BRAIN DOES NOT WORK LIKE A COMPUTER, AND (3) CONCENTRATING ON SYNTAX (THE CORNERSTONE OF TRANSFORMATIONAL RESEARCH) IN CHILD LANGUAGE ANALYSIS IS "TOTALLY MISLEADING." FURTHERMORE, THE CHILD'S FIRST VERBAL EXPRESSIONS ARE DESIDERATIVES, WITH INTERROGATIVES APPEARING VERY EARLY. ACCORDING TO GENERATIVE THEORY, THE PRODUCTION OF THESE FORMS REQUIRES MORE THAN ONE TRANSFORMATION. THE AUTHOR ALSO POINTS OUT THE CONSTRUCTIVE ROLE OF THE GENERATIVE APPROACH--(1) IT HAS CONTRIBUTED TO A MORE PRECISE FORMULATION OF THE MANIFOLD PROBLEMS OF FIRST LANGUAGE ACQUISITION, (2) BY BRINGING TO LIGHT THE FRUITLESSNESS OF USING MODELS BEFORE STRUCTURING DATA, IT HAS LEFT LINGUISTS FREE TO TRY OTHER ROUTES, AND (3) IT HAS GIVEN IMPETUS TO NEW RESEARCH ON CHILD LANGUAGE. THIS PAPER WAS PRESENTED AT THE UNIVERSITY OF KENTUCKY FOREIGN LANGUAGE CONFERENCE, LEXINGTON, IN APRIL 1968. (DO)

ED 020 510 **48** **AL 001 279**

SURVEY OF MATERIALS IN THE NEGLECTED LANGUAGES, PART I (PRELIMINARY EDITION).

CENTER FOR APPLIED LINGUISTICS, WASHINGTON, D.C.

REPORT NUMBER BR-7-0929

PUB DATE JUN 68

CONTRACT OEC-1-7-070929-4276

EDRS PRICE MF-$1.75 HC-$19.12 476P.

DESCRIPTORS— *BIBLIOGRAPHIES, *INSTRUCTIONAL MATERIALS, *UNCOMMONLY TAUGHT LANGUAGES, AFRICAN LANGUAGES, AFRO ASIATIC LANGUAGES, AMERICAN INDIAN LANGUAGES, ANNOTATED BIBLIOGRAPHIES, DICTIONARIES, DRAVIDIAN LANGUAGES, FINNO UGRIC LANGUAGES, INDO EUROPEAN LANGUAGES, INDONESIAN LANGUAGES, MALAYO POLYNESIAN LANGUAGES, READING MATERIALS, SEMITIC LANGUAGES, SINO TIBETAN LANGUAGES, SLAVIC LANGUAGES, TEXTBOOKS, URALIC ALTAIC LANGUAGES,

THIS PRELIMINARY LIST OF STUDY AIDS FOR NEGLECTED LANGUAGES (THOSE NOT COMMONLY TAUGHT IN THE UNITED STATES) GIVES GREATEST EMPHASIS TO MATERIALS INTENDED FOR USE BY THE ADULT LEARNER WHOSE NATIVE LANGUAGE IS ENGLISH. ITS ENTRIES ARE ARRANGED ALPHABETICALLY BY LANGUAGE, ACHINESE TO ZULU, AND INCLUDE TEXTS, GRAMMARS, READERS, DIC-

TIONARIES, STUDIES OF WRITING SYSTEMS, AND LINGUISTIC DESCRIPTIONS. ACCOMPANYING TAPES, RECORDS, AND SLIDES ARE LISTED WHERE KNOWN. CREOLES ARE LISTED UNDER ENGLISH, FRENCH, PORTUGUESE, OR SPANISH ACCORDING TO THEIR LEXICAL BASE. BRIEF BUT COMPREHENSIVE ANNOTATIONS ARE SUPPLIED FOR THE BASIC COURSES EXCEPT IN CASES WHERE THE BOOKS WERE UNAVAILABLE OR NOT AVAILABLE IN TIME FOR INCLUSION. THE FINAL EDITION, COMPLETELY ANNOTATED AND INDEXED, WILL BE PUBLISHED IN THE SPRING OF 1969. FOR FURTHER INFORMATION, WRITE THE FOREIGN LANGUAGES PROGRAM, CENTER FOR APPLIED LINGUISTICS, 1717 MASSACHUSETTS AVENUE, WAHINGTON, D.C. 20036. (DO)

ED 020 511 **AL 001 288**
CHOMSKY, NOAM *HALLE, MORRIS*
THE SOUND PATTERN OF ENGLISH.
PUB DATE 68
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ENGLISH, *GENERATIVE GRAMMAR, *LANGUAGE UNIVERSALS, *LINGUISTIC THEORY, *PHONETICS, CONCEPTUAL SCHEMES, LANGUAGE DEVELOPMENT, MODELS, PERCEPTION, PHONOLOGY, PSYCHOLINGUISTICS, SENTENCES, SYNTAX, THEORIES, VOWELS,

"THE SOUND PATTERN OF ENGLISH" PRESENTS A THEORY OF SOUND STRUCTURE AND A DETAILED ANALYSIS OF THE SOUND STRUCTURE OF ENGLISH WITHIN THE FRAMEWORK OF GENERATIVE GRAMMAR. IN THE PREFACE TO THIS BOOK THE AUTHORS STATE THAT THEIR "WORK IN THIS AREA HAS REACHED A POINT WHERE THE GENERAL OUTLINES AND MAJOR THEORETICAL PRINCIPLES ARE FAIRLY CLEAR" AND THAT "FURTHER INVESTIGATION WITHIN THE SAME FRAMEWORK WILL NOT SIGNIFICANTLY ALTER THE OVERALL PICTURE" PRESENTED HERE. THE FIRST 60 PAGES OF THIS BOOK (PART I, GENERAL SURVEY), ARE DIRECTED TO THOSE READERS CONCERNED "ONLY WITH THE GENERAL PROPERTIES OF ENGLISH SOUND STRUCTURE, WITH THE CONSEQUENCES OF THESE PROPERTIES FOR GENERAL LINGUISTIC THEORY, AND WITH THE IMPLICATIONS OF GENERAL LINGUISTIC THEORY FOR OTHER FIELDS." PART II–"ENGLISH PHONOLOGY," PART III–"HISTORY, THE EVOLUTION OF THE MODERN ENGLISH VOWEL SYSTEM," AND PART IV–"PHONOLOGICAL THEORY," ARE DIRECTED TO THE READER CONCERNED WITH THE DETAILED DEVELOPMENT OF PHONOLOGICAL THEORY AND ENGLISH GRAMMAR. THE BOOK CONCLUDES WITH A CHAPTER IN WHICH THE AUTHORS SKETCH NEW DIRECTIONS FOR THE THEORY OF SOUND STRUCTURE AND INDICATE SOME CONSEQUENCES FOR THE DESCRIPTION OF ENGLISH AND OTHER LANGUAGES. THIS BOOK IS PUBLISHED BY HARPER AND ROW, INC., 49 EAST 33 STREET, NEW YORK, N.Y. 10016 ($12.95). (JD)

ED 020 512 **AL 001 289**
LEVIN, J.I.
THE NUMERICAL CHARACTERISTICS OF SYMBOL DISTRIBUTION IN A TEXT.
PUB DATE 67
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *COMPUTATIONAL LINGUISTICS, *MATHEMATICAL LINGUISTICS, *STATISTICAL ANALYSIS, LANGUAGE PATTERNS, LEXICOLOGY, LINGUISTICS, LITERATURE, MORPHEMES, PHONEMES,

THIS ARTICLE DISCUSSES THE ORDERED DISTRIBUTION OF A GIVEN ITEM IN A TEXT. THE ELEMENT CONSIDERED MAY BE ANY DISCRETE ITEM OR SET OF ITEMS IN A TEXT, SUCH AS A PHONEME OR GROUP OF PHONEMES, A MORPHEME, SYNTACTIC CONSTRUCTION OR INTONATION PATTERN. THE AIM IS TO MEASURE NUMERICALLY HOW COMPACTLY (OR DIFFUSELY) THE ITEM IS DISTRIBUTED IN THE TEXT. THIS IS A QUESTION NOT OF THE USUAL PROBLEM IN LINGUISTIC STATISTICS, BUT OF THE NATURE OF ITS DISTRIBUTION–WHETHER ITS OCCURRENCE HAS A TENDENCY TO CONCENTRATION AT POINTS WHICH ARE WIDELY SEPARATED FROM EACH OTHER OR WHETHER IT IS UNIFORMLY DISPERSED IN THE TEXT. IN PART 1, MEASURES OF COMPACTNESS ARE INTRODUCED AND SUGGESTIONS ARE MADE CONCERNING THEIR USE. IN PART 2, THESE MEASURES ARE ILLUSTRATED BY APPLICATION TO SENTENCES, WORDS (IN THIS CASE MORHPEMES AND GROUPS OF MORPHEMES), PHONEMES, AND A METRICAL FORM–THE FOUR-STROPHE IAMB. THIS 28-PAGE ARTICLE APPEARED IN THE SOVIET LINGUISTIC PERIODICAL "VOPROSY JAZYKOZNANIJA," NUMBER 6, 1967. SINGLE COPIES OF THE ENGLISH TRANSLATION ARE AVAILABLE FOR $2.04 FROM LINCS, CENTER FOR APPLIED LINGUISTICS, 1717 MASSACHUSETTS AVENUE, WASHINGTON, D.C. 20036. (AUTHOR/DO)

ED 020 513 **AL 001 290**
DECAMP, DAVID
THE CURRENT DISCREPANCY BETWEEN THEORETICAL AND APPLIED LINGUISTICS.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.52 11P.
DESCRIPTORS— *APPLIED LINGUISTICS, *GENERATIVE GRAMMAR, *LINGUISTIC THEORY, *LINGUISTICS, ENGLISH, LANGUAGE TEACHERS, PHONOLOGY, SYNTAX, TEACHING METHODS, TEXTBOOK PREPARATION, TRANSFORMATION GENERATIVE GRAMMAR,

GENERATIVE THEORY NOW DOMINATES MACHINE TRANSLATION AND HAS BEGUN TO TAKE OVER THE TEACHING OF ENGLISH GRAMMAR IN THE SCHOOLS, AS ONE PUBLISHER AFTER ANOTHER COMES OUT WITH A TRANSFORMATIONALLY-ORIENTED SERIES OF TEXTBOOK FOR HIGH SCHOOL ENGLISH. THE AUTHOR FEELS, HOWEVER, THAT THE EFFECTS OF THIS THEORY ON LANGUAGE TEACHING HAVE BEEN NEGLIGIBLE AND THAT THE INNOVATIONS AND ADVANCES IN LANGUAGE TEACHING DURING THE PAST DECADE HAVE BEEN PEDAGOGICAL RATHER THAN LINGUISTIC. THE CONTENT OF THE TEACHING IS STILL THE ENGLISH LANGUAGE AS SHAPED BY THE LINGUISTIC THEORY OF THE 1930'S AND 40'S. THE FEW APPEALS TO LANGUAGE TEACHERS HAVE HAD LITTLE EFFECT ON THE PREPARATION OF TEACHING MATERIALS OR ON ACTUAL CLASSROOM PRACTICE. SEVERAL REASONS ARE SUGGESTED. (1) FEW OF THE GENERATIVE THEORETICIANS ARE ALSO LANGUAGE TEACHERS, AND ARE PREOCCUPIED WITH THEORY. (2) UNTIL NOW, THE GENERATIVE GRAMMAR OF ENGLISH HAS BEEN RELATIVELY INACCESSIBLE TO LANGUAGE TEACHERS. (3) IT HASN'T BEEN TRIED BY LANGUAGE TEACHERS SIMPLY OUT OF INERTIA. THE AUTHOR SUGGESTS VARIOUS TECHNIQUES FOR TEACHING SYNTAX AND PHONOLOGY GENERATIVELY AND ENDS WITH A PLEA FOR GRADUATE SEMINARS IN THE PREPARATION OF GENERATIVELY-BASED TEACHING MATERIALS. THIS ARTICLE APPEARED IN "TESOL QUARTERLY," VOLUME 1, NUMBER 2, MARCH 1968, PUBLISHED BY TESOL, INSTITUTE OF LANGUAGES AND LINGUISTICS, GEORGETOWN UNIVERSITY, WASHINGTON, D.C. 20007. (AMM)

ED 020 514 **AL 001 291**
BOWEN, J. DONALD *MOORE, TERENCE*
THE REFLEXIVE IN ENGLISH AND SPANISH–A TRANSFORMATIONAL APPROACH.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.76 17P.
DESCRIPTORS— *CONTRASTIVE LINGUISTICS, *ENGLISH, *LANGUAGE INSTRUCTION, *SPANISH, *TRANSFORMATION THEORY (LANGUAGE), ENGLISH (SECOND LANGUAGE), INTERFERENCE (LANGUAGE LEARNING), LANGUAGE PATTERNS, LANGUAGE UNIVERSALS, REFLEXIVE ANAPHORA, SECOND LANGUAGE LEARNING, SPANISH SPEAKING,

THIS ARTICLE IS NOT CONCERNED WITH WRITING A TRANSFORMATIONAL GENERATIVE GRAMMAR FOR REFLEXIVE SENTENCES OF ENGLISH AND SPANISH BUT RATHER WITH THE THEORETICAL FRAMEWORK OF TRANSFORMATIONAL ANALYSIS–THE UNDERLYING, FUNDAMENTAL NOTIONS THAT CAN BE APPLIED TO PROBLEMS OF LANGUAGE TEACHING. THE AUTHORS RELATE THESE NOTIONS (LINGUISTIC UNIVERSALS, COMPETENCE, AND PERFORMANCE) TO THE REFLEXIVE AND MAKE A CONTRASTIVE ANALYSIS OF THE REFLEXIVE IN SPANISH AND ENGLISH. DISCUSSED ARE–(1) THE OVERT FORMS THAT HELP CARRY OR MARK THE REFLEXIVE IN THE TWO LANGUAGES, (2) THE USE OF THESE FORMS, (3) THE PROBLEMS THAT ARISE IN USING REFLEXIVE CONSTRUCTIONS WHEN NEEDED AND AVOIDING THEM WHEN INAPPROPRIATE, (4) PROBLEMS OF TRANSATION IN THE AREA OF REFLEXIVE ANAPHORA (BACK REFERENCE) WHEN THE SPEAKER OF ENGLISH MUST ACCOMMODATE HIMSELF TO THE PATTERN OF SPANISH, AND (5) PROBLEMS FACING THE SPEAKER OF SPANISH WHEN LEARNING AND USING THE ENGLISH REFLEXIVE. THE AUTHORS FEEL THAT SUCH CONTRASTIVE DATA WILL HELP THE TEACHER IN SEQUENCING MATERIALS AND GIVING GRAMMATICAL EXPLANATIONS THAT CAN LEAD THE STUDENT TO CLEARER PERCEPTION OF DIFFERENT WAYS OF ORGANIZING REALITY. THIS PAPER WAS PRESENTED AT THE 1967 CONVENTION OF THE NATIONAL ASSOCIATION FOR FOREIGN STUDENT AFFAIRS AND APPEARED IN "TESOL QUARTERLY," VOLUME 1, NUMBER 2, MARCH 1968. (DO)

ED 020 515 **AL 001 292**
CARTIER, FRANCIS A.
CRITERION-REFERENCED TESTING OF LANGUAGE SKILLS.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.40 8P.
DESCRIPTORS— *ENGLISH (SECOND LANGUAGE), *INSTRUCTIONAL TECHNOLOGY, *LANGUAGE SKILLS, *TESTING, COURSE OBJECTIVES, CRITERION TESTS, CURRICULUM DEVELOPMENT, SECOND LANGUAGE LEARNING, TESTS,

THE AUTHOR DISCUSSES THE CONCEPTS OF INSTRUCTIONAL TECHNOLOGY AS THEY APPLY TO THE PROBLEM OF TEACHING ENGLISH AS A FOREIGN LANGUAGE. INSTRUCTIONAL TECHNOLOGY, AN OUTGROWTH OF PROGRAMMED INSTRUCTION, HAS GROWN TO HAVE A FAR GREATER BREADTH OF APPLICATION AND MAY REPRESENT AN EVEN MORE FUNDAMENTAL CHANGE OF INSTRUCTIONAL PHILOSOPHY THAN PROGRAMMING. ITS MOST IMPORTANT RAMIFICATIONS HAVE LITTLE TO DO WITH INSTRUCTIONAL MEDIA OR METHODS, BUT MORE WITH DETERMINATION OF COURSE OBJECTIVES AND WITH EVALUATION OF WHETHER THE STUDENTS HAVE ACHIEVED THOSE OBJECTIVES. AN OUTSTANDING FEATURE OF THE PROCEDURE SUGGESTED HERE IS THAT THE INSTRUCTIONAL TECHNOLOGIST STARTS BUILDING HIS CURRICULUM BY PREPARING THE FINAL EXAMINATION, AND THEN BUILDS A COURSE THAT TEACHES THE STUDENT TO PASS THE EXAMINATION. THE TEST DOES NOT MERELY SAMPLE PARTS OF THE COURSE, BUT COVERS EVERYTHING THE STUDENT MUST LEARN TO DO, AND EVERY STUDENT IS EXPECT TO GET EVERY ITEM RIGHT. THE AUTHOR CONTRASTS THE "CRITERION TEST" WITH THE TRADITIONAL KIND OF NORM-REFERENCED TESTS AND DESCRIBES ITS APPLICATION AT THE DEFENSE LANGUAGE INSTITUTE'S ENGLISH LANGUAGE SCHOOL. THIS ARTICLE APPEARS IN "TESOL QUARTERLY," VOLUME 2, NUMBER 1, MARCH 1968, PUBLISHED BY TEACHERS OF ENGLISH TO SPEAKERS OF OTHER LANGUAGES, AT THE INSTITUTE OF LANGUAGES AND LINGUISTICS, GEORGETOWN UNIVERSITY, WASHINGTON, D.C. 20007. (AMM)

ED 020 516 **AL 001 293**
RAGSDALE, J. DONALD
PREDICTING PRONUNCIATION AND LISTENING SKILLS OF NATIVE SPEAKERS OF SPANISH–AN EXPLORATORY STUDY.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS— *ENGLISH (SECOND LANGUAGE), *LANGUAGE TESTS, *SPANISH SPEAKING, BILINGUALISM, INTERFERENCE (LANGUAGE LEARNING), LANGUAGE LEARNING LEVELS, LANGUAGE RESEARCH, LANGUAGE SKILLS, LISTENING SKILLS, PRONUNCIATION, SECOND LANGUAGE LEARNING, SEMANTIC DIFFERENTIAL, SEMANTICS,

THIS STUDY WAS DESIGNED TO INVESTIGATE THE SPECIFIC RELATIONSHIP BETWEEN TYPE OF BILINGUALISM (COMPOUND OR COORDINATE) AND THE ENGLISH PRONUNCIATION AND LISTENING SKILLS OF NATIVE SPEAKERS OF SPANISH. THIRTY-SIX STUDENTS FROM VARIOUS PARTS OF LATIN AMERICA WHO WERE COMPLETING A TEN-WEEK COLLEGE PREPARATORY "ENGLISH ORIENTATION" COURSE AT LOUISIANA STATE UNIVERSITY SERVED AS SUBJECTS. THERE WERE THREE PARTS TO THE TEST--(1) AN ENGLISH AND A SPANISH VERSION OF A NINE-ITEM SEMANTIC DIFFERENTIAL TO INDEX TYPE OF BILINGUALISM, (2) A PRONUNCIATION TEST TO MEASURE THE SUBJECTS' FREEDOM FROM SPANISH PHONETIC INFLUENCES ON ENGLISH, AND (3) A LISTENING TEST TO MEASURE THE SUBJECTS' ABILITY TO PERCEIVE ENGLISH PHONES. RESULTS INDICATE THAT THE HIGHER THE SEMANTIC DIFFERENTIAL D (DISTANCE) SCORE, OR THE CLOSER TO COORDINATE BILINGUALISM, THE GREATER IS THE NUMBER OF BOTH PRONUNCIATION AND LISTENING ERRORS A SUBJECT IS LIKELY TO MAKE. WITH DEVELOPMENT OF DIFFERENTIALS FOR SPEAKERS OF LANGUAGES OTHER THAN SPANISH, THESE FINDINGS COULD BE CHECKED FOR THEIR GENERALITY. THE AUTHOR FEELS THAT BECAUSE OF THE PREDICTIVE POWER OF THE SEMANTIC DIFFERENTIAL IN THE CASE OF BEGINNING STUDENTS, IT WOULD BE A USEFUL PLACEMENT-TYPE TEST. THIS ARTICLE APPEARED IN "TESOL QUARTERLY," VOLUME 1, NUMBER 2, MARCH 1968. (DO)

ED 020 517 **AL 001 294**

IMHOOF, MAURICE

CONTROLLING CULTURAL VARIATIONS IN THE PREPARATION OF TESOL MATERIALS.

PUB DATE MAR 68

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *CULTURAL FACTORS, *ENGLISH (SECOND LANGUAGE), *MATERIAL DEVELOPMENT, *TEXTBOOK PREPARATION, CULTURAL CONTEXT, FOREIGN CULTURE, INSTRUCTIONAL MATERIALS, INTERFERENCE (LANGUAGE LEARNING), SECOND LANGUAGE LEARNING,

ONE OF THE DIFFICULTIES OF PRODUCING ENGLISH SKILLS MATERIALS OR TEACHER-TRAINING MATERIALS FOR SPEAKERS OF OTHER LANGUAGES IS THAT EXTREME VARIATIONS BETWEEN THE STUDENT'S CULTURE AND THE MATERIALS WRITER'S CULTURE CAN CAUSE SERIOUS INTERFERENCE IN COMMUNICATION. A SPEAKER'S VISION IS STRUCTURED BY THE KINDS OF TRAINING, BOTH FORMAL AND INFORMAL (FOLK, POPULAR, MASS MEDIA), WHICH HIS OWN CULTURE PROVIDES. IT MAY LIMIT OR DISTORT HIS OBSERVATION OF THE FOREIGN CULTURE. THE AUTHOR DISCUSSES EDWARD HALL'S TEN "PRIMARY MESSAGE SYSTEMS," (FROM "THE SILENT LANGUAGE," 1959) AND PRESENTS RELEVANT OBSERVATIONS OF AFGHAN CULTURE WHICH ARE AT VARIANCE WITH AMERICAN CULTURE. VARIATIONS BETWEEN THE WRITER'S AND READER'S CULTURES IN ANY SPHERE MAKE THE TASK OF PREPARING MATERIALS MORE DIFFICULT. THE TEACHING MATERIALS MUST BE PRESENTED WITHIN AN EDUCATIONAL PATTERN FAMILIAR, OR AT LEAST UNDERSTANDABLE, TO THE READER. AT THE SAME TIME THEY MUST EMPLOY THE VERBAL OR VISUAL DEVICES NECESSARY TO MAKE COMPREHENSIBLE THE LANGUAGE CONCEPTS SELECTED FOR TEACHING. THEY MUST ALSO RELY ON ILLUSTRATIONS, EXAMPLES, AND VOCABULARY UNDERSTOOD IN THE READER'S REAL EXPERIENCE. THIS ARTICLE APPEARS IN "TESOL QUARTERLY," VOLUME 2, NUMBER 1, MARCH 1968, PUBLISHED BY THE TEACHERS OF ENGLISH TO SPEAKERS OF OTHER LANGUAGES, INSTITUTE OF LANGUAGES AND LINGUISTICS, GEORGETOWN UNIVERSITY, WASHINGTON, D.C. 20007. (AUTHOR/AMM)

ED 020 518 **AL 001 298**

BARATZ, JOAN C. POVICH, EDNA

GRAMMATICAL CONSTRUCTIONS IN THE LANGUAGE OF THE NEGRO PRESCHOOL CHILD.

PUB DATE JUN 68

EDRS PRICE MF-$0.25 HC-$1.28 30P.

DESCRIPTORS— *LANGUAGE RESEARCH, *NEGRO DIALECTS, *PRESCHOOL CHILDREN, CULTURALLY DISADVANTAGED, DEVELOPMENTAL SENTENCE TYPES, ECONOMICALLY DISADVANTAGED, ENGLISH, ETHNIC GROUPS, KERNEL SENTENCES, LANGUAGE TESTS, LOWER CLASS, NEGROES, NONSTANDARD DIALECTS, PRESCHOOL TESTS, SENTENCE STRUCTURE, SPEECH EVALUATION, STANDARD SPOKEN USAGE, SYNTAX, TRANSFORMATIONS (LANGUAGE), VERBAL ABILITY,

LANGUAGE SAMPLES OF 20 NEGRO HEAD START CHILDREN IN WASHINGTON, D.C., WERE ANALYZED USING LEE'S (1966) DEVELOPMENTAL SENTENCE TYPES MODEL. THE TRANSFORMATIONS AND RESTRICTED FORMS OF THESE CHILDREN WERE THEN COMPARED WITH THE RESULTS THAT MENYUK (1964) OBTAINED FOR MIDDLE CLASS PRESCHOOLERS. RESULTS INDICATE THAT THE ECONOMICALLY DEPRIVED CHILD IS NOT DELAYED IN LANGUAGE ACQUISITION ALTHOUGH HE USES A QUALITATIVELY DIFFERENT LANGUAGE SYSTEM THAN THAT OF HIS MIDDLE CLASS AGE MATE. HIS LANGUAGE CONTAINS MANY FORMS THAT ARE IDENTICAL TO STANDARD ENGLISH (THIS ACCOUNTS FOR THE PRESENCE OF ALL THE RESPONSE TYPES OF THE DEVELOPMENTAL SENTENCE TYPES MODEL), BUT HIS LANGUAGE ALSO CONTAINS MANY STRUCTURES WHICH ARE CONSIDERED TO BE RESTRICTED FORMS WHEN COMPARED TO STANDARD ENGLISH. HOWEVER, THESE FORMS ARE NOT ONLY ACCEPTABLE IN LOWER CLASS NEGRO DIALECT BUT ALSO INDICATE A LEVEL OF SYNTACTIC DEVELOPMENT WHERE TRANSFORMATIONS ARE BEING USED APPROPRIATELY. THE LOWER CLASS NEGRO CHILD IS USING THE SAME FORMS AS THE LOWER CLASS NEGRO ADULT AND THEREFORE INDICATING THAT HE HAS LEARNED THE FORMS OF HIS LINGUISTIC ENVIRONMENT. (AUTHOR/DO)

ED 020 519 **AL 001 299**

BARATZ, JOAN C.

A BI-DIALECTAL TEST FOR DETERMINING LANGUAGE PROFICIENCY.

PUB DATE JUN 68

EDRS PRICE MF-$0.25 HC-$0.88 20P.

DESCRIPTORS— *LANGUAGE RESEARCH, *LANGUAGE TESTS, *NEGRO DIALECTS, *NONSTANDARD DIALECTS, CULTURALLY ADVANTAGED, CULTURALLY DISADVANTAGED, ECONOMICALLY DISADVANTAGED, ETHNIC GROUPS, GRADE 3, GRADE 5, LOWER CLASS, MIDDLE CLASS, NEGRO YOUTH, NEGROES, RACIAL RECOGNITION, STANDARD SPOKEN USAGE, VERBAL ABILITY,

THE PURPOSE OF THIS EXPERIMENT WAS TO COMPARE THE LANGUAGE BEHAVIOR OF STANDARD AND NONSTANDARD ENGLISH SPEAKERS WHEN ASKED TO REPEAT STANDARD AND NONSTANDARD SENTENCES. THE SUBJECTS (47 THIRD AND FIFTH GRADERS AT A NEGRO SCHOOL IN WASHINGTON, D.C., AND 30 OF THEIR WHITE COUNTERPARTS AT A SUBURBAN MARYLAND SCHOOL) WERE ASKED TO REPEAT 30 TAPED SENTENCES AS BEST THEY COULD. FIFTEEN OF THESE SENTENCES WERE IN STANDARD ENGLISH AND 15 WERE IN NEGRO NONSTANDARD DIALECT. WHITE SUBJECTS DID SIGNIFICANTLY BETTER THAN NEGRO SUBJECTS IN REPEATING STANDARD ENGLISH SENTENCES. LIKEWISE, NEGRO CHILDREN WERE SIGNIFICANTLY BETTER IN REPEATING NEGRO NONSTANDARD SENTENCES. THE AUTHOR FEELS THAT THE FACT THAT BOTH GROUPS EXHIBITED SIMILAR BEHAVIOR PATTERNS WHEN CONFRONTED WITH SENTENCES OUTSIDE THEIR PRIMARY CODE INDICATES THAT THE LANGUAGE DEFICIENCY THAT HAS BEEN ATTRIBUTED TO THE LOW INCOME NEGRO CHILD IS NOT A LANGUAGE DEFICIT SO MUCH AS A DIFFICULTY IN CODE SWITCHING WHEN THE SECOND CODE (STANDARD ENGLISH) IS NOT AS WELL LEARNED AS THE FIRST (NONSTANDARD ENGLISH). IN A SECOND TASK INVOLVING IDENTIFICATION OF THE RACE OF THE SPEAKER, HIGH PERCENTAGES OF WHITE AND NEGRO CHILDREN IDENTIFIED A STANDARD ENGLISH SENTENCE AS BEING SPOKEN BY A WHITE MAN AND A NONSTANDARD SENTENCE AS BEING SPOKEN BY A NEGRO. (DO)

ED 020 520 **AL 001 306**

ROSENBAUM, PETER S.

ENGLISH GRAMMAR II.

INTERNATIONAL BUSINESS MACHINES CORP.

REPORT NUMBER AFCRL-68-0070

REPORT NUMBER RC-2070

PUB DATE 26 APR 68

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ENGLISH, *SYNTAX, *TRANSFORMATION GENERATIVE GRAMMAR, CONTEXT FREE GRAMMAR, DEEP STRUCTURE, PHRASE STRUCTURE, SURFACE STRUCTURE, TRANSFORMATIONS (LANGUAGE),

"ENGLISH GRAMMAR II" IS A TRANSFORMATIONAL FORMULATION OF THE SYNTACTIC RULES RELATING DEEP AND SURFACE STRUCTURES FOR A NUMBER OF CONSTRUCTIONS IN ENGLISH. TOPICS TREATED BY THIS GRAMMAR INCLUDE EMBEDDED SENTENCE FORMATION, RELATIVE CLAUSE FORMATION, GENITIVE CONSTRUCTIONS, TIME AND PLACE ADVERBIALS, AND A FULL RANGE OF SIMPLE SENTENCE PHENOMENA SUCH AS NEGATION, PASSIVIZATION, AND INTERROGATION. "ENGLISH GRAMMAR II" ALSO TREATS THE TOPICS OF PRONOMINALIZATION AND REFLEXIVIZATION. THIS GRAMMAR IS BASED ON A THEORETICAL FORMULATION REQUIRING THE EXTENSIVE USE OF SYNTACTIC FEATURES AND THE USE OF SUCH ELEMENTARY TRANSFORMATIONS AS ADJUNCTION, DELETION, AND SUBSTITUTION. CONTAINED IN THIS REPORT ARE A PRESENTATION OF THE GRAMMAR, ITS LINGUISTIC JUSTIFICATION, AND A SAMPLE SET OF DEEP STRUCTURES AND DERIVATIONS. THIS 91-PAGE REPORT IS SECTION 1 OF SCIENTIFIC REPORT NUMBER 2 ON "SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL GRAMMAR." (SEE RELATED DOCUMENT ED 014 688.) THE ENTIRE TEXT OF SCIENTIFIC REPORT NUMBER 2 IS AVAILABLE AS DOCUMENT AD-667-800 FROM THE CLEARINGHOUSE FOR FEDERAL, SCIENTIFIC AND TECHNICAL INFORMATION, 5285 PORT ROYAL ROAD, SPRINGFIELD, VIRGINIA 22151 ($3.00 IN HARDCOPY, $0.65 IN MICROFICHE). ALL ORDERS MUST BE PREPAID BY CHECK OR MONEY ORDER. (AUTHOR/JD)

ED 020 521 **AL 001 307**

ROSENBAUM, PETER S.

LEARNABILITY OF A TRANSFORMATIONALLY GENERATED SUBSET OF ENGLISH.

INTERNATIONAL BUSINESS MACHINES CORP.

REPORT NUMBER AFCRL-68-0070

REPORT NUMBER RC-2069

PUB DATE 24 APR 68

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *COMPUTER ORIENTED PROGRAMS, *ENGLISH, *EXPERIMENTAL PSYCHOLOGY, *GENERATIVE GRAMMAR, *RESEARCH METHODOLOGY, BEHAVIORAL LANGUAGE, DEEP STRUCTURE, LANGUAGE LEARNING LEVELS, OBSERVATION, PSYCHOLOGICAL STUDIES, RESEARCH TOOLS, SURFACE STRUCTURE, TRANSFORMATION GENERATIVE GRAMMAR, TRANSFORMATION THEORY (LANGUAGE),

REPORTED IN THIS DOCUMENT IS AN EXPERIMENT TO DETERMINE THE DEGREE OF DIFFICULTY IN LEARNING AND USING "ENGLISH GRAMMAR II," A TRANSFORMATIONALLY GENERATED SUBSET OF ENGLISH (SEE AL 001 306). THE AUTHOR PRESENTS A GENERAL, NON-

TECHNICAL EXPLANATION OF THE PRINCIPLES OF TRANSFORMATIONAL GRAMMAR AND A DESCRIPTION OF THE EXPERIMENT IN LEARNING TO USE ENGLISH II (THE LANGUAGE GENERATED BY GRAMMAR II). THE SUBJECT OF THE EXPERIMENT WAS A PSYCHOLOGIST WHO WAS PROVIDED WITH INSTRUCTION IN THE SENTENCE FORMATION RULES OF GRAMMAR II AND THE CONSTRUCTION OF AN APPROPRIATE LEXICON. AFTER SUCCESSFULLY TRANSLATING ORDINARY ENGLISH SENTENCES INTO ENGLISH II SENTENCES, THE SUBJECT WATCHED TEN-MINUTE FILMS OF MOTHER-CHILD INTERACTIONS AND ATTEMPTED TO TAPE-RECORD HIS OBSERVATIONS USING ONLY ENGLISH II SENTENCES. THIS PROCEDURE WAS REPEATED THREE TIMES WITH THE SAME FILM AND THEN FOUR TIMES WITH A NEW FILM. BY THE EIGHTH TRIAL THE SUBJECT HAD ATTAINED A RATE OF 90 PERCENT ACCURACY IN USING ENGLISH II SENTENCES. IT WAS CONCLUDED THAT ENGLISH II WAS A SUFFICIENTLY RICH "OBSERVER LANGUAGE" AND THAT SUCH SUBSETS OF ENGLISH ARE LEARNABLE FOR SPONTANEOUS OBSERVATIONS. THIS REPORT IS CONTAINED IN SCIENTIFIC REPORT 2 ON "SPECIFICATION AND UTILIZATION OF A TRANSFORMATIONAL GRAMMAR," AVAILABLE AS DOCUMENT NUMBER AD-667-800 FROM THE CLEARINGHOUSE FOR FEDERAL, SCIENTIFIC AND TECHNICAL INFORMATION, 5285 PORT ROYAL ROAD, SPRINGFIELD, VIRGINIA 22151 ($3.00 HARDCOPY, $0.65 MICROFICHE). (JD)

ED 020 522 **AL 001 312**
AURBACH, JOSEPH AND OTHERS
TRANSFORMATIONAL GRAMMAR--A GUIDE FOR TEACHERS.
PUB DATE 68
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS-- *ENGLISH CURRICULUM, *LINGUISTICS, *TEACHING GUIDES, *TRANSFORMATION GENERATIVE GRAMMAR, ENGLISH, MORPHOLOGY (LANGUAGES), PHONOLOGY, STRUCTURAL ANALYSIS, SYNTAX, TEACHER EDUCATION, TEACHING METHODS,
THE AUTHORS HAVE DESIGNED THIS GUIDE FOR NON-LINGUISTICALLY ORIENTED ENGLISH AND LANGUAGE ARTS TEACHERS WHO ARE FACED WITH THE PROBLEM OF TEACHING "THE NEW GRAMMAR." THE INTRODUCTION PRESENTS A RATIONALE FOR THE TEACHING OF LINGUISTICS IN THE CLASSROOM--"THE NEW GRAMMARS, INTELLIGENTLY APPLIED, MAY HELP CHILDREN NOT ONLY UNDERSTAND THE SYNTAX OF THEIR LANGUAGE BUT USE THAT LANGUAGE AS AN EFFECTIVE TOOL." THE FIRST COMPONENT OF THE TEXT, SYNTAX, CONSTITUTES A SURVEY OF THE MAJOR CONCEPTS OF TRANSFORMATIONAL GRAMMAR AND ILLUSTRATES BY RULES AND TREE DIAGRAMS THE RELATIONSHIPS BETWEEN WORDS IN SENTENCES. THE SECOND COMPONENT, MORPHOLOGY, IS PRIMARILY CONCERNED WITH THE INFLECTIONAL AND DERIVATIONAL SUFFIXES OF ENGLISH BOUND FORMS, LISTING AND DESCRIBING THEIR OCCURRENCE. PHONOLOGY, THE FINAL COMPONENT, PRESENTS DESCRIPTIONS OF THE VOWELS AND CONSONANTS OF ENGLISH, WITH FACIAL DIAGRAMS ILLUSTRATING THE POINTS AND MANNER OF ARTICULATION. THE BASIC VOCABLARY AND PRINCIPLES OF LINGUISTICS ARE EXPLAINED IN AS SIMPLIFIED TERMS AS POSSIBLE WITHOUT SACRIFICING LINGUISTIC ACCURACY. THIS 172-PAGE TEXT IS AVAILABLE FOR $3.50 FROM ENGLISH LANGUAGE SERVICES, DIVISION OF WASHINGTON EDUCATIONAL RESEARCH ASSOCIATES, INC., 12216 PARKLAWN DRIVE, ROCKVILLE, MARYLAND 20852. (AMM)

ED 020 523 **AL 001 314**
HEINBERG, PAUL AND OTHERS
SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME ONE, LEARNER'S HANDBOOK.
PUB DATE 68
EDRS PRICE MF-$0.25 HC-$2.16 52P.
DESCRIPTORS-- *AUTOINSTRUCTIONAL PROGRAMS, *COMMUNICATION PROBLEMS, *ENGLISH PROGRAMS, *PARALINGUISTICS, *SPEECH, BEHAVIOR PATTERNS, BEHAVIOR RATING SCALES, COMMUNICATION (THOUGHT TRANSFER), INSTRUCTIONAL INNOVATION, LANGUAGE LABORATORIES, NONSTANDARD DIALECTS, ORAL COMMUNICATION, ORAL ENGLISH, PROGRAMED MATERIALS, TAPE RECORDINGS,
THIS PROGRAMED "LEARNER'S HANDBOOK" IS DESIGNED TO BE USED IN THE "SPEECH-COMMUNICATION LEARNING SYSTEM" IN THE SPEECH COMMUNICATION CENTER AT THE UNIVERSITY OF HAWAII. THE PURPOSE OF THE COURSE, INTENDED PRIMARILY FOR SPEAKERS OF NON-STANDARD ENGLISH DIALECT IN HAWAII, IS TO "DEVELOP A STYLE OF SPEECH WHICH IS INTELLIGIBLE AND ACCEPTABLE IN A WIDE VARIETY OF SITUATIONS THROUGHOUT THE UNITED STATES." THE MAJORITY OF LEARNERS COMPLETE THE ENTIRE "LEARNING SYSTEM" IN 10 TO 15 HOURS, USING THE PROGRAMED MATERIAL AND TAPES WITH GUIDANCE FROM A "TUTOR" AND A PROGRESS "EVALUATOR." VARIABLES SELECTED FOR TESTING ARE--(1) EYE-CONTACT, (2) LOUDNESS, (3) VOICE-QUALITY, (4) PITCH, (5) RATE OF SENTENCE PRODUCTION, AND (6) ARTICULATION. THE APPROACH IS INNOVATIVE, EMPHASIZING AN AWARENESS OF PARALINGUISTICS, RATHER THAN THE LINGUISTIC CONTENT AND FORM OF ENGLISH. (AMM)

ED 020 524 **AL 001 315**
HEINBERG, PAUL AND OTHERS
SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME TWO, SCRIPTS OF ALL AUDIO PROGRAMS.
PUB DATE 68
EDRS PRICE MF-$0.50 HC-$4.48 110P.
DESCRIPTORS-- *AUTOINSTRUCTIONAL PROGRAMS, *COMMUNICATION PROBLEMS, *ENGLISH PROGRAMS, *PARALINGUISTICS, *SPEECH, BEHAVIOR PATTERNS, BEHAVIOR RATING SCALES, COMMUNICATION (THOUGHT TRANSFER), INSTRUCTIONAL INNOVATION, LANGUAGE LABORATORIES, NONSTANDARD DIALECTS, ORAL COMMUNICATION, ORAL ENGLISH, PROGRAMED MATERIALS, TAPE RECORDINGS,
THIS VOLUME CONTAINS THE SCRIPTS OF THE TAPED MATERIALS TO BE USED WITH THE "LEARNER'S HANDBOOK" IN THE "SPEECH-COMMUNICATION LEARNING SYSTEM" AT THE SPEECH COMMUNICATION CENTER AT THE UNIVERSITY OF HAWAII. SEE RELATED DOCUMENT AL 001 314. (AMM)

ED 020 525 **AL 001 316**
WRENN, JAMES J.
CHINESE LANGUAGE TEACHING IN THE UNITED STATES--THE STATE OF THE ART.
CENTER FOR APPLIED LINGUISTICS, WASHINGTON, D.C.
PUB DATE AUG 68
EDRS PRICE MF-$0.25 HC-$1.60 38P.
DESCRIPTORS-- *CHINESE, *LANGUAGE INSTRUCTION, *SURVEYS, *TEACHERS, *TEXTBOOK EVALUATION, CURRICULUM EVALUATION, LANGUAGE PROFICIENCY, LANGUAGE PROGRAMS, MANDARIN CHINESE, NATIONAL SURVEYS, PROGRAM PLANNING, PROGRAMED MATERIALS, READING INSTRUCTION, SPECIAL LIBRARIES, STANDARDS, TEACHER EDUCATION, TEACHER QUALIFICATIONS,
IN THIS SURVEY OF CHINESE LANGUAGE INSTRUCTION IN THE UNITED STATES THE AUTHOR FIRST ASSUMES THAT MOST SERIOUS STUDENTS HOPE EVENTUALLY TO ATTAIN SUFFICIENT READING AND WRITING ABILITY TO CONDUCT ORIGINAL RESEARCH USING RESOURCES WRITTEN IN CHINESE. BECAUSE OF THE NATURE OF THE CHINESE WRITING SYSTEM, THIS IS A VERY DIFFICULT GOAL AND "THE LEVEL OF COMPETENCE REACHED IN READING CHINESE AFTER TWO OR THREE YEARS OF STUDY IS STILL SO LOW AS TO LEAVE THE STUDENT 'FUNCTIONALLY ILLITERATE'." THERE IS AT PRESENT A SCARCITY OF SCHOLARS WELL VERSED IN THE CHINESE LANGUAGE AND A CONCURRENT SHORTAGE OF QUALIFIED CHINESE LANGUAGE TEACHERS. CHINESE LANGUAGE TEACHERS TO WORK AT ALL LEVELS OF INSTRUCTION FROM HIGH SCHOOL TO POST GRADUATE, (2) EMPHASIZING MORE SELF-INSTRUCTIONAL MATERIALS TO SUPPLEMENT CLASSROOM WORK, (3) DEVELOPING A NUMBER OF SMALL CENTERS FOR INTENSIVE LANGUAGE AND TEACHER TRAINING, AND (4) CONCENTRATING SCARCE TEACHER TIME ON THOSE STUDENTS MOST LIKELY TO BECOME TEACHERS OR RESEARCHERS. A SELECTIVE AND ANNOTATED LIST OF TEACHING AND REFERENCE MATERIALS ORIGINALLY PREPARED BY NICHOLAS C. BODMAN IS UPDATED AND PARTIALLY REVISED IN THIS PAPER. ADDITIONAL RESOURCES WHICH SHOULD BE STRENGTHENED ARE BRIEFLY DISCUSSED HERE AND INCLUDE AUDIOVISUAL AIDS, LANGUAGE LABORATORIES, SPECIAL LIBRARIES AND LIBRARY SERVICES, AND OVERSEAS LANGUAGE CENTERS. (JD)

ED 020 526 **CG 001 321**
PARSONS, THOMAS S. CAVE, WILLIAM M.
TOWARD A THEORY OF HOME, SCHOOL, AND COMMUNITY INTERRELATIONS.
MICHIGAN UNIV., ANN ARBOR
EDRS PRICE MF-$0.25 HC-$1.32 31P.
DESCRIPTORS-- *COMMUNITY EDUCATION, *COMMUNITY SCHOOLS, *FAMILY SCHOOL RELATIONSHIP, *SCHOOL COMMUNITY PROGRAMS, *URBAN EDUCATION, FAMILY ROLE, PARENT ROLE, PARENT SCHOOL RELATIONSHIP, SCHOOL COMMUNITY COOPERATION, URBAN SCHOOLS,
THIS THEORY OF THE COMMUNITY SCHOOL PROGRAM IS PRESENTED THROUGH A DETAILED DISCUSSION OF URBAN TRENDS. THE AUTHORS DESCRIBE THE HISTORICAL PREVALENCE OF THE ECONOMIC AND EDUCATIVE FUNCTIONS OF FAMILIES AND THE EFFECTS OF URBANIZATION ON THOSE FUNCTIONS. PROFOUND INTERPERSONAL ESTRANGEMENT IN MODERN URBAN PATTERNS OF FAMILY LIVING IS DISCUSSED, WITH EMPHASIS ON EFFECT OF SCHOOLS ON THE FAMILIAL, EDUCATIVE RESPONSIBILITY. THE LOCI OF THE TEACHING FUNCTION ARE LISTED AS--(1) THE LEARNER, (2) PEERS, (3) PARENTS, AND (4) THE TEACHER. THIS REPORT ENDS WITH A PLEA FOR THE RESTORATION OF EDUCATION TO COMMUNITY LIFE. THE MOTT PROGRAM IN FLINT, MICHIGAN IS CITED AS A MODEL FOR SCHOOLS AS ROUND-THE-CLOCK CENTERS FOR INTERACTION AND DISCUSSION. THE COMMUNITY SCHOOL THEORY EMPHASIZES COMMUNICATION AND COOPERATION BETWEEN THE SCHOOL AND ITS PATRONS. SCHOOLS ARE USED FOR ADULTS AS WELL AS CHILDREN TO FAMILIARIZE THE COMMUNITY WITH THE STAFF, PURPOSES, PROCEDURES, FACILITIES, PROBLEMS, AND POTENTIALITIES OF THE EDUCATIVE PROCESS. WITH FULL INVOLVEMENT OF SCHOOL AND COMMUNITY, EDUCATION CAN BECOME A MORE EFFECTIVE INSTRUMENT. (PH)

ED 020 527 **CG 001 549**
OKADA, TETSUO AND OTHERS
DYNAMICS OF ACHIEVEMENT--A STUDY OF DIFFERENTIAL GROWTH OF ACHIEVEMENT OVER TIME.
NATIONAL CENTER FOR EDUCATIONAL STATISTICS (DHEW)
REPORT NUMBER OE-TECH-N-NO-53
PUB DATE 18 JAN 68
EDRS PRICE MF-$0.25 HC-$1.52 36P.
DESCRIPTORS-- *ACADEMIC ACHIEVEMENT, *ACHIEVEMENT TESTS, *NEGRO ACHIEVEMENT, *NEGRO STUDENTS, GRADE 6, INTER-AMERICAN TESTS OF GENERAL ABILITY, METROPOLITAN AREAS, SCHOOL AND COLLEGE ABILITY TEST, SECONDARY GRADES, SEQUENTIAL TEST OF EDUCATIONAL PROGRESS, STANDARDIZED TESTS,

IN THE EDUCATIONAL OPPORTUNITY SURVEY, STANDARDIZED TESTS WERE GIVEN FOR GRADES 1, 3, 6, 9, AND 12. DATA WERE PRESENTED IN TERMS OF RACE, METROPOLITAN-NONMETROPOLITAN AREA, AND REGION. THE PURPOSES WERE TO--(1) PRESENT DATA SHOWING INCREASES IN ACHIEVEMENT, AND (2) CHARACTERIZE THE GROWTH IN ACHIEVEMENT BY RACE, METROPOLITAN-NONMETROPOLITAN AREA, AND GEOGRAPHIC LOCATIONS, TO PROVIDE A YARDSTICK OF ACHIEVEMENT FOR SPECIFIC RACES AND REGIONS. RESULTS SHOWED A LARGE DIFFERENTIAL RATE OF GROWTH OF ACHIEVEMENT AMONG RACES. NEGRO STUDENTS DO NOT ATTAIN THE SIXTH-GRADE ABILITY LEVEL UNTIL GRADE 8 FOR READING COMPREHENSION, VERBAL ABILITY, AND MATHEMATICS. FROM GRADE 6 THROUGH GRADE 12, THERE IS A GRADUALLY INCREASING GAP BETWEEN THE NEGRO AND WHITE STUDENTS FOR THE SUBJECT AREAS MENTIONED. SIMILAR LAGS IN ACHIEVEMENT ARE OBSERVED FOR OTHER DISADVANTAGED STUDENT GROUPS. TEST SCORES, NATIONAL MEANS AND TEST SCORES FOR WHITE AND NEGRO, AND GRADE-LEVEL EQUIVALENT COMPARISONS ARE GIVEN. (PH)

ED 020 528 CG 001 558

WRIGHTSMAN, LAWRENCE AND OTHERS

THE CONSTRUCTION AND VALIDATION OF A SCALE TO MEASURE CHILDREN'S SCHOOL MORALE.

GEORGE PEABODY COLL. FOR TEACHERS, NASHVILLE,TENN.

EDRS PRICE MF-$0.50 HC-$2.72 66P.

DESCRIPTORS-- *RATING SCALES, *SCHOOL ENVIRONMENT, *STUDENT ATTITUDES, *TEST VALIDITY, ACHIEVEMENT TESTS, AGE, GRADE POINT AVERAGE, INTELLIGENCE, STUDENT OPINION,

THIS REPORT DESCRIBES WAYS OF ASSESSING CHANGES IN PUPIL ATTITUDE AND MORALE. REVIEWS OF PREVIOUS MEASURES OF SCHOOL MORALE ARE INCLUDED. THE DIMENSIONS OF THE SCHOOL MORALE SCALE ARE--(1) MORALE ABOUT THE SCHOOL BUILDING, QUALITY OF INSTRUCTION AND MATERIALS, SCHOOL ADMINISTRATIVE PERSONNEL AND REGULATIONS, COMMUNITY AND PARENTAL INVOLVEMENT, AND TEACHER-STUDENT RELATIONSHIPS, AND (2) GENERAL FEELING ABOUT ATTENDING SCHOOL. THE SCALE CONSISTS OF 84 ITEMS, PREPARED FOR EACH DIMENSION, WITH WHICH THE PUPIL COULD AGREE OR DISAGREE. THE EVIDENCES OF VALIDITY ARE SCHOOL DIFFERENCES, GRADE AND SEX DIFFERENCES, AND THE RELATIONSHIP OF STUDENT SCORES TO TEACHER NOMINATIONS. SCHOOL MORALE SCORES ARE CORRELATED WITH AGE, INTELLIGENCE, GRADE POINT AVERAGE, ACHIEVEMENT TESTS, PHILOSOPHIES OF HUMAN NATURE SCORES, AUTHORITARIANISM, AND SOCIAL DESIRABILITY. CORRELATIONS BETWEEN SUBSCALES WERE HIGH ENOUGH FOR THE CONCLUSION THAT A GENERAL CONCEPT OF "SCHOOL MORALE" EXISTS. PORTIONS OF THE PAPER WERE PRESENTED AT THE AMERICAN EDUCATION RESEARCH ASSOCIATION CONVENTION (CHICAGO, FEBRUARY 8, 1968). (PH)

ED 020 529 CG 001 855

IMPELLITTERI, JOSEPH T.

THE COMPUTER AS AN AID TO INSTRUCTION AND GUIDANCE IN THE SCHOOL.

STATE UNIV. OF N.Y., ITHACA

PUB DATE 10 NOV 67

EDRS PRICE MF-$0.25 HC-$0.96 22P.

DESCRIPTORS-- *COMPUTER ASSISTED INSTRUCTION, *COMPUTERS, *GUIDANCE PROGRAMS, *RESEARCH, COMPUTER PROGRAMS, CURRICULUM RESEARCH, EXPERIMENTAL PROGRAMS, OCCUPATIONAL GUIDANCE, PROGRAMED INSTRUCTION, VOCATIONAL EDUCATION,

COMPUTER APPLICATIONS IN EDUCATION ARE DISCUSSED IN TERMS OF--(1) A DESCRIPTION OF COMPUTER-ASSISTED INSTRUCTION (CAI) AND COUNSELING, (2) THE NUMBER AND TYPES OF COMPUTER-ASSISTED DEVELOPMENTS, (3) THE NATURE OF THE PENN STATE UNIVERSITY PROGRAM, (4) TENTATIVE RESULTS OF EXPERIMENTATION USING CAI, AND (5) IMPLICATIONS AND PROJECTIONS FOR THE FUTURE. CAI IS INDIVIDUALIZED, ENABLING A STUDENT TO RESPOND INDEPENDENTLY AND PROGRESS AT HIS OWN RATE. AS A METHOD OF INSTRUCTION, IT MUST BE CONNECTED TO SOME DEVICE TO PREMIT STUDENT-PROGRAM INTERACTION. FEEDBACK IS IMMEDIATE, WITH THE CORRECT STUDENT RESPONSE NECESSARY TO PROCEED. ALTHOUGH COMPUTER-ASSISTED GUIDANCE EFFORTS ARE IN THE DEVELOPMENTAL STAGES, ONE PILOT PROJECT DID RESULT IN CHANGES IN THE OCCUPATIONAL ATTITUDES AND VALUES OF JUNIOR-HIGH SCHOOL STUDENTS. A STUDY AT PENN STATE UNIVERSITY REPORTED FAVORABLE STUDENT REACTIONS, BUT NO DIFFERENCE IN LEARNING OR RETENTION BETWEEN CAI, LECTURE, OR SELF-STUDY METHODS. THE POTENTIAL OF CAI TO HUMANIZE RATHER THAN DEHUMANIZE EDUCATION IS DISCUSSED. THIS PAPER WAS PRESENTED AT THE REGIONAL SEMINAR AND RESEARCH CONFERENCE IN AGRICULTURAL EDUCATION (ITHACA, N.Y., NOVEMBER 8-10, 1967). (PH)

ED 020 530 CG 001 865

BRIGANTE, THOMAS R.

ISSUES IN IMPLEMENTING CAMPUS COMMUNITY MENTAL HEALTH PROGRAMS.

EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS-- *COLLEGE STUDENTS, *MENTAL HEALTH PROGRAMS, *STUDENT PERSONNEL SERVICES, COLLEGE ADMINISTRATION, COMMUNITY HEALTH SERVICES, CONFIDENTIAL RECORDS, CONSULTATION PROGRAMS,

THIS PAPER IS CONCERNED WITH FIVE ISSUES RELEVANT TO IMPLEMENTING A COMMUNITY-ORIENTED MENTAL HEALTH APPROACH IN A COLLEGE CAMPUS CONTEXT. THE ISSUES ARE--(1) THE CONFIDENTIALITY ISSUE, (2) INTRODUCTION OF CONSULTATIVE METHODS, (3) INVOLVING STUDENTS IN THE INFLUENCE PROCESS, (4) WAYS OF GAINING SUPPORT, AND (5) HEALTH PROMOTION. IT IS PROPOSED THAT THE LIMITS OF CONFIDENTIALITY BE STRETCHED, AND THAT IT BE REGARDED AS A GENERAL PRINCIPLE CONSIDERED SEPARATELY IN INDIVIDUAL SITUATIONS. CONSULTATIVE METHODS MUST INCREASINGLY BE UTILIZED, WITH CASE-CENTERED CONSULTATION BEING THE MOST LIKELY FORM. STUDENT INTEREST IN THE PROGRAM AND POSSIBLE ADMINISTRATIVE REACTIONS ARE DISCUSSED. LISTED AS WAYS OF GAINING SUPPORT ARE--(1) OUTSIDE CONSULTANTS, (2) ADVISORY BOARDS, (3) AVAILABLE THERAPY FOR FACULTY AND ADMINISTRATION, AND (4) MEETINGS WITH OTHER STUDENT PERSONNEL WORKERS. TO PROMOTE MENTAL HEALTH, BROAD PROGRAMS MUST BE DEVISED, AND RESEARCH FOCUSING UPON BROADLY RANGING ISSUES RELATED TO THE INSTITUTION MUST BE UNDERTAKEN. (PH)

ED 020 531 CG 001 886

COUNSELING THE TECHNICALLY-ORIENTED STUDENT.

FERRIS STATE COLL., BIG RAPIDS, MICH.

PUB DATE OCT 67

EDRS PRICE MF-$0.50 HC-$2.48 60P.

DESCRIPTORS-- *POST SECONDARY EDUCATION, *TECHNICAL EDUCATION, *VOCATIONAL COUNSELING, *VOCATIONAL EDUCATION, CONFERENCE REPORTS, COUNSELORS, TECHNOLOGICAL ADVANCEMENT, TECHNOLOGY,

IN 1967, A SELECTED GROUP OF MICHIGAN SECONDARY SCHOOL COUNSELORS PARTICIPATED IN A WORKSHOP DESIGNED TO PROVIDE--(1) AN OVERVIEW OF THE ROLE OF TECHNICIANS IN MODERN BUSINESS AND INDUSTRY, (2) CURRENT DATA ON THE NEEDS FOR TRAINED TECHNICIANS, (3) AN OPPORTUNITY TO REVIEW TECHNIQUES OF VOCATIONAL COUNSELING AND GUIDANCE AS THEY RELATE TO STUDENTS INTERESTED IN TECHNICIAN TRAINING, (4) AN INTENSIVE EXPOSURE TO POST-HIGH SCHOOL TECHNICAL PROGRAMS IN OPERATION, AND (5) PROFESSIONAL ASSISTANCE IN DEVELOPING COMMUNITY ACTION PROGRAMS FOR IDENTIFYING, ENCOURAGING, AND COUNSELING STUDENTS WHOSE CAREERS WILL REQUIRE ADVANCED TECHNICAL EDUCATION. THIS COMPILATION OF ADDRESSES AND SMALL GROUP SESSIONS INCLUDES THE FOLLOWING--(1) THE CRUCIAL ROLE OF THE COUNSELOR IN IDENTIFYING AND ENCOURAGING THE TECHNICALLY ORIENTED STUDENT, (2) A PROJECTION OF THE NEED FOR TECHNICIANS IN 1975, (3) TECHNICIAN NEEDS IN MICHIGAN, (4) WHAT EMPLOYERS SEEK IN THE TECHNICIAN, (5) DEVELOPMENTS IN VOCATIONAL-TECHNICAL EDUCATION IN MICHIGAN, AND (6) COMMUNITY ACTION PLANS IN WHICH COUNSELORS CAN BE INSTRUMENTAL. A ROSTER OF COUNSELOR PARTICIPANTS IS APPENDED. THIS PAPER REPRESENTS THE PROCEEDINGS OF THE COUNSELING AND TECHNOLOGY WORKSHOP (FERRIS STATE COLLEGE, BIG RAPIDS, MICHIGAN, OCTOBER 1967). (IM)

ED 020 532 CG 001 893

TRUAX, CHARLES B.

TOWARD A TENTATIVE MEASUREMENT OF THE CENTRAL THERAPEUTIC INGREDIENTS.

ARKANSAS STATE REHABILITATION RES. AND TRAING.CTR.

ARKANSAS UNIV., FAYETTEVILLE

EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS-- *COUNSELOR ACCEPTANCE, *COUNSELOR CHARACTERISTICS, *EMPATHY, *RATING SCLAES, COUNSELING GOALS, COUNSELOR PERFORMANCE, MEASUREMENT INSTRUMENTS, RAPPORT, THERAPEUTIC ENVIRONMENT,

THESE RESEARCH SCALES PROVIDE CONCRETE SPECIFICATIONS, ALONG QUANTIFIED DIMENSIONS, OF THE THREE CENTRAL INGREDIENTS OF EFFECTIVE THERAPEUTIC ENCOUNTERS--(1) ACCURATE EMPATHY, (2) NONPOSSESSIVE WARMTH, AND (3) GENUINENESS. THE RELIABILITY OF THE SCALES WAS OBTAINED BY CORRELATING DIFFERENT RATER'S RATINGS ON THE SCALES FOR THE SAME SAMPLES OF THERAPEUTIC RELATIONSHIPS. THE RATINGS RANGE FROM MODERATE TO HIGH. THE ACCURATE EMPATHY SCALE INVOLVES NINE DEGREES, WITH THE LOWEST BEING INACCURATE RESPONSES TO OBVIOUS FEELINGS. THE HIGHEST DEGREE INVOLVES ACCURACY TOWARDS DEEP FEELINGS AND UNERRING ACCURACY AND UNHESITANCY TOWARDS DEEP FEELINGS, WITH REGARD TO BOTH CONTENT AND INTENSITY. THE DIMENSIONS OF THE NONPOSSESSIVE WARMTH SCALE RANGE FROM A HIGH LEVEL, WITH THE THERAPIST WARMLY ACCEPTING THE PATIENT'S EXPERIENCE AS PART OF HIS PERSON WITHOUT IMPOSING CONDITIONS, TO A LOW LEVEL WHERE THE THERAPIST EVALUATES A PATIENT ON HIS FEELINGS, EXPRESSES DISLIKE OR DISAPPROVAL, OR EXPRESSES WARMTH IN A SELECTIVE AND EVALUATIVE WAY. THE GENUINENESS SCALE ATTEMPTS TO DEFINE FIVE DEGREES OF THERAPIST GENUINENESS, BEGINNING AT A LOW LEVEL WHERE THE THERAPIST PRESENTS A FACADE OR DEFENDS AND DENIES FEELINGS. THE HIGHEST DEGREE INVOLVES A HIGH LEVEL OF SELF-CONGRUENCE, WITH THE THERAPIST FREELY AND DEEPLY HIMSELF. FOR EACH SCALE, THE STAGES ARE EXPLAINED WITH EXAMPLES OF CLIENT-THERAPIST DIALOGUE. (CG)

ED 020 533 CG 001 896

BAER, DONALD M. WOLF, MONTROSE M.

THE ENTRY INTO NATURAL COMMUNITIES OF REINFORCEMENT.

AMERICAN PSYCHOLOGICAL ASSN., WASHINGTON, D.C.

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS— *BEHAVIOR CHANGE, *PRESCHOOL CHILDREN, *PRESCHOOL EDUCATION, *REINFORCEMENT, BEHAVIOR DEVELOPMENT, CHANGE AGENTS, CONDITIONED RESPONSE,

THE PRESCHOOL IS A COMMUNITY OF REINFORCEMENT CONTINGENCIES WHICH WILL SHAPE AND MAINTAIN AN INCREASING REPERTOIRE OF SOCIAL BEHAVIOR AND WILL PUT THAT BEHAVIOR UNDER THE CONTROL OF PEERS. THIS STATEMENT WAS DEMONSTRATED IN A PROGRAM WHICH ANALYZED PROBLEM BEHAVIORS OF PRESCHOOL CHILDREN. IN GENERAL, THE PROGRAM CONSISTED OF TWO PROCESSES–(1) FORMAL, QUANTITATIVE RECORDING OF THE RATE OF BEHAVIOR UNDER STUDY AND ITS CURRENT CONTINGENCIES WITH TEACHER SUPPLIED SOCIAL STIMULATION, AND (2) EXPERIMENTAL MANIPULATION OF THOSE CONTINGENCIES. NOT ONLY DID BEHAVIOR CHANGE IN RESPONSE TO REINFORCEMENT, BUT IF THE TEACHER INTRODUCED A SUBJECT TO THE COMMUNITY OF MUTUAL REINFORCEMENT CONTINGENCIES AND LEFT HIM IN IT TOO LONG, THE TEACHER WAS UNABLE TO EXTRACT HIM AGAIN. THIS PROCESS WAS DEFINED AS TRAPPING A CHILD WITHIN THE PEER GROUP. THE ESSENCE OF THE TRAP WAS THAT ONLY A RELATIVELY SIMPLE RESPONSE IS NECESSARY TO ENTER THE TRAP. ONCE ENTERED, THE TRAP CANNOT BE RESISTED IN CREATING GENERAL BEHAVIOR CHANGE. A CHILD BECOMES TRAPPED BY PROMPTING SOCIAL BEHAVIOR WHICH REINFORCES HIM EACH TIME HE DISPLAYS IT, UNTIL HE ENTERS THE SOCIAL TRAP OF THE PEER GROUP. IT IS BELIEVED THAT THERE ARE OTHER COMMUNITIES OF REINFORCEMENT CAUSING BEHAVIOR CHANGES. THIS PAPER WAS PRESENTED AT THE ANNUAL MEETING OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION (WASHINGTON, D.C., 1967). (CG)

ED 020 534 CG 002 079

FRIEDMAN, ROBERT

A STRUCTURED FAMILY INTERVIEW IN THE ASSESSMENT OF SCHOOL LEARNING DISORDERS.

AMERICAN ORTHOPSYCHIATRIC ASSN., NEW YORK, N.Y.

PUB DATE MAR 68

EDRS PRICE MF-$0.25 HC-$1.16 27P.

DESCRIPTORS— *COMMUNICATION PROBLEMS, *FAMILY COUNSELING, *FAMILY RELATIONSHIP, *LEARNING DIFFICULTIES, CASE STUDIES (EDUCATION), FAMILY STRUCTURE, INTERACTION, PARENT ATTITUDES, PARENT CHILD RELATIONSHIP, PARENT ROLE, STUDENT PROBLEMS, UNDERACHIEVERS,

PRESENTED HERE ARE THE GOALS OF, THE TECHNIQUES FOR, AND THE AUTHOR'S EXPERIENCE WITH A ONE-SESSION STRUCTURED FAMILY INTERVIEW FOR THE ASSESSMENT OF CHILDREN AND ADOLESCENTS WITH SCHOOL LEARNING DISORDERS. THE PRIMARY PURPOSE OF THIS TIME-LIMITED METHOD IS TO DETERMINE THE NATURE, EXTENT, AND ETIOLOGICAL SIGNIFICANCE OF THE INTERACTION BETWEEN THE FAMILY AND THE SCHOOL LEARNING DISORDER. TECHNIQUES SUCH AS A SERIES OF QUESTIONS, THE TUTORING LESSON, AND THE PARTIAL-FAMILY SESSION HAVE BEEN EMPLOYED TO UNCOVER FAMILY BEHAVIOR DIRECTLY RELATED TO SCHOOL LEARNING. AN ANALYSIS OF 53 CASES REVEALED THAT SIGNIFICANT DIAGNOSTIC INFORMATION REGARDING THE FAMILY COMPONENT OF SCHOOL LEARNING DISORDER WAS PRODUCED BY THE STRUCTURED INTERVIEW. AS EXAMPLES OF THE KINDS OF INTERACTION AND MATERIAL PRODUCED, FOUR CASE STUDIES ARE GIVEN. THE AUTHOR RECOMMENDS THE ASSESSMENT OF THE FAMILY BE INCORPORATED INTO THE DIAGNOSTIC STUDY OF CHILDREN AND ADOLESCENTS WITH SCHOOL LEARNING DISORDERS. THIS PAPER WAS PRESENTED AT THE 45TH ANNUAL MEETING OF THE AMERICAN ORTHOPSYCHIATRIC ASSOCIATION (CHICAGO, MARCH 20-23, 1968). (WR)

ED 020 535 CG 002 102

CONFERENCE SUMMARY–FROM THEORY TO PRACTICE. THE DESCRIPTION AND DEMONSTRATION OF A GUIDANCE PROGRAM IN ONE DISTRICT K-12.

PALO ALTO UNIFIED SCHOOL DISTRICT, CALIF.

PUB DATE 20 JAN 68

EDRS PRICE MF-$0.25 HC-$1.32 31P.

DESCRIPTORS— *DECISION MAKING, *GUIDANCE OBJECTIVES, *GUIDANCE PROGRAMS, *INDIVIDUAL DEVELOPMENT, *REINFORCEMENT, COUNSELOR FUNCTIONS, COUNSELOR ROLE, INDIVIDUAL DIFFERENCES, PROGRAM EVALUATION,

VARIOUS ASPECTS OF THE PALO ALTO GUIDANCE PROGRAM WERE PRESENTED AT THE CONFERENCE. THE OBJECTIVES OF THE PROGRAM WERE BASED ON THE BELIEF THAT GUIDANCE SHOULD FOSTER INDIVIDUALIZATION IN THE DEVELOPMENT OF ALL CHILDREN BY PROVIDING CONDITIONS WHICH WOULD ENSURE THIS INDIVIDUALIZATION. THESE TWO THEORETICAL CONSTRUCTS, REINFORCEMENT THEORY AND DECISION-MAKING PROCESS, HAVE DIRECTLY AFFECTED THE DEVELOPMENT OF THE PALO ALTO GUIDANCE PROGRAM, AND HAVE CONTRIBUTED TO ITS FRAMEWORK. THE ABSTRACTS PRESENTED, WHICH DESCRIBE PARTICULARS OF THE PROGRAM, CAN BE DIVIDED INTO THREE GENERAL CATEGORIES–(1) THE ROLE AND FUNCTION OF GUIDANCE WORKERS, (2) SOME GUIDANCE PROGRAMS AND PRACTICES, AND (3) RESEARCH AND EVALUATION ACTIVITIES. THE CONCLUDING SECTION EXAMINES AREAS OF FUTURE CONCERN. THIS PAPER WAS PRESENTED AT THE PALO ALTO GUIDANCE CONFERENCE (PALO ALTO, CALIFORNIA, JANUARY 20, 1968). (CG)

ED 020 536 CG 002 104

BROWN, SAUL L.

THE FAMILY LIFE CYCLE--PERSPECTIVES DRAWN FROM FAMILY THERAPY, PRESCHOOL THROUGH ADOLESCENCE.

AMERICAN ORTHOPSYCHIATRIC ASSN., NEW YORK, N.Y.

PUB DATE MAR 68

EDRS PRICE MF-$0.25 HC-$0.88 20P.

DESCRIPTORS— *EMOTIONAL DEVELOPMENT, *FAMILY LIFE, *FAMILY RELATIONSHIP, *GROUP THERAPY, FAMILY COUNSELING, PATHOLOGY,

A DEVELOPMENTAL FRAME OF REFERENCE WAS USED AS A WAY OF VIEWING THE EMERGENCE AND/OR PERPETUATION OF PATHOLOGY IN A FAMILY. THIS FRAME OF REFERENCE INCLUDES SEVERAL ACCOMPANYING CONCEPTS. RESISTANCE TO CHANGE IS SEEN AS A FUNDAMENTAL DYNAMIC FACTOR IN FIELD (FAMILY) PATHOLOGY WITH INTERPERSONAL SUBSYSTEMS WITHIN THE FAMILY ACTING AS PERPETUATORS OF PATHOLOGY AND RESISTANTS TO CHANGE. PHASE-APPROPRIATE ADAPTIONS MADE BY THE FAMILY INCLUDE–(1) BASIC NURTURING, (2) ENCOURAGING EMERGING AUTONOMY, (3) ORGANIZING INSTRUMENTAL ACTION, (4) CLARIFYING REALITY, AND (5) FACILITATING DYADIC RELATIONSHIPS. PATHOLOGIC COMPENSATORY MECHANISMS OPERANT WITHIN A FAMILY ENSURES THE SUCCESS OF EACH OF THE PHASES FOR THE CHILDREN, BUT AT THE PENALTY OF CREATING INTERPERSONAL SUBSYSTEMS WHICH RESIST CHANGE AND NORMAL DEVELOPMENTAL PROGRESSIONS. THE CONSEQUENCES ARE EITHER HIGH POTENTIAL FOR PATHOLOGY OR A PERPETUATION OF EXISTING PATHOLOGY. THIS PAPER WAS PRESENTED AT THE AMERICAN ORTHOPSYCHIATRIC ASSOCIATION ANNUAL MEETING (CHICAGO, MARCH 1968). (CG)

ED 020 537 CG 002 108

WARD, ROBERT HEDLEY, CAROLYN

INTERACTION ANALYSIS OF MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS TO COLLEGE ORIENTATION.

CALIFORNIA UNIV., SANTA BARBARA

EDRS PRICE MF-$0.25 HC-$1.00 23P.

DESCRIPTORS— *COLLEGE HIGH SCHOOL COOPERATION, *MEXICAN AMERICANS, *NEGROES, *NONCOLLEGE PREPARATORY STUDENTS, *ORIENTATION, DISADVANTAGED YOUTH, GROUP DYNAMICS, HIGH SCHOOL STUDENTS, INTERACTION PROCESS ANALYSIS,

NON-COLLEGE BOUND MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS PARTICIPATED IN AN OVERNIGHT COLLEGE ORIENTATION CONFERENCE STAFFED BY STUDENT VOLUNTEERS TO DISCOVER THE NATURE OF THE INTERACTION PROCESS BETWEEN THE HIGH SCHOOL AND COLLEGE STUDENTS. NONE OF THE HIGH SCHOOL STUDENTS WERE ELIGIBLE WITH RESPECT TO GRADES FOR ADMITTANCE TO THE UNIVERSITY OF CALIFORNIA, SANTA BARBARA. GROUPS OF SIX TO EIGHT STUDENTS WERE LED BY A MALE AND FEMALE COLLEGE STUDENT COUNSELOR. DISCUSSION SESSIONS WERE TAPED AND ANALYZED, AND THE INTERACTION WAS JUDGED BY THREE JUDGES. STUDENT REACTION WAS MEASURED. THE EMOTIVE NATURE OF THE INTERACTION SEEMED TO SUGGEST FLIGHT, OR LACK OF COMMITMENT. NEGROES WERE MORE VERBAL THAN MEXI AN-AMERICANS, WITH OVERALL INTERACTION BEING MODERATE. COUNSELORS DID NOT REJECT STUDENT BEHAVIOR, AND STUDENTS SOLICITED MUCH INFORMATION FROM COUNSELORS. STUDENT REACTION TO THE CONFERENCE WAS NOT EXTREME IN TERMS OF THE REACTIONS POSSIBLE. WITH THE EXCEPTION OF ONE GROUP, THE HIGH SCHOOL YOUTH SEEMED PLEASED WITH THE COLLEGE CONFERENCE. (PH)

ED 020 538 CG 002 110

WEIR, WILLIAM R.

NEEDS OF STUDENTS WITH AN ALCOHOL PROBLEM IN THEIR FAMILY.

AMERICAN PERSONNEL AND GUIDANCE ASSN., WASH., D.C.

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS— *ALCOHOL EDUCATION, *ALCOHOLISM, *COUNSELING PROGRAMS, FAMILY RELATIONSHIP, STUDENT PROBLEMS,

A VOLUNTARY COUNSELING PROGRAM FOR STUDENTS IN FAMILIES WITH AN ALCOHOL PROBLEM WAS INSTITUTED AS PART OF THE OVER-ALL ALCOHOL EDUCATION PROGRAM IN THE SCHOOL. TO DETERMINE THE NEEDS OF THE PROGRAM, A STUDY WAS DONE COMPARING 317 STUDENTS WITH 65 STUDENTS DISPLAYING AN ALCOHOLIC PROBLEM IN THEIR FAMILY. THE STUDY CONCLUDED THAT BIOGRAPHICAL DATA SHOULD BE CONSIDERED IN DEVELOPING A PROGRAM OF ALCOHOL EDUCATION. ALTHOUGH RESPONSES TO PERSONALITY INVENTORIES, SEMANTIC DIFFERENTIAL SCALES, AND ATTITUDINAL SCALES DISPLAYED SIGNIFICANT DIFFERENCES IN RELATION TO STUDENT INVOLVEMENT IN A FAMILY ALCOHOL PROBLEM, THE RETENTION OF ALCOHOL INFORMATION WAS NOT RELATED SIGNIFICANTLY TO INVOLVEMENT WITH THE PROBLEM. COUNSELING SESSIONS ALLOWED STUDENT TO FREELY EXPRESS THEIR NEEDS AND FEELINGS BY USE OF EITHER A DEVELOPMENTAL APPROACH OR PROBLEM CENTERED APPROACH. THE COUNSELORS PRESENTED GENUINENESS, UNPOSSESSIVE WARMTH, AND EMPATHY. BOTH THE OBJECTIVE DATA AND A SUBJECTIVE EVALUATION INDICATED THAT THE COUNSELING PROGRAM WAS A VERY IMPORTANT PHASE OF THE OVERALL ALCOHOL EDUCATION PROGRAM. THIS PAPER WAS PRESENTED AT THE AMERICAN PERSONNEL AND GUIDANCE ASSOCIATION CONFERENCE (DETROIT, APRIL 1968). (CG)

ED 020 539 CG 002 112

HALPERT, HAROLD P.

MODELS FOR THE APPLICATION OF SYSTEMS ANALYSIS TO THE DELIVERY OF MENTAL HEALTH SERVICES.

AMERICAN ORTHOPSYCHIATRIC ASSN., NEW YORK, N.Y.

PUB DATE MAR 68

EDRS PRICE MF-$0.25 HC-$1.32 31P.

DESCRIPTORS— *MENTAL HEALTH PROGRAMS, *MODELS, *SYSTEMS ANALYSIS, *SYSTEMS APPROACH, INFORMATION SYSTEMS, SYSTEMS DEVELOPMENT,

SYSTEMS ANALYSIS CAN BE APPLIED TO THE PLANNING AND DELIVERY OF MENTAL HEALTH SERVICES. THE MODELS PRESENTED SHOW HOW A SYSTEMS APPROACH CAN BE USED TO ANSWER SOME OF THE KEY QUESTIONS IN PLANNING, ORGANIZING, AND EVALUATING MENTAL HEALTH SERVICE PROGRAMS. MODEL 1 APPROACHES THE TASK OF DEFINING AND CATEGORIZING MENTAL HEALTH AND RELATED PROBLEMS. PROBLEMS ARE GROUPED AS BEING POLITICALLY DEFINED, SOCIALLY OR CULTURALLY DEFINED, AND INDIVIDUALLY DEFINED. MODEL 2 ASSESSES RESOURCES. IT PERMITS TYPES OF PERSONNEL AND INSTITUTIONS THAT ARE AVAILABLE TO PROVIDE SERVICES TO BE CROSS-REFERENCED TO TYPES OF INTERVENTION AND/OR SERVICES. AN EXAMPLE OF AN INFORMATION SYSTEM THAT MAY BE USED TO DEVELOP DATA ON NEED FOR SERVICES IN TERMS OF "USER REQUIREMENTS," MODEL 3 IS A DIAGRAMMATIC REPRESENTATION OF THE FLOW OF INFORMATION IN A COUNTY-WIDE DATA BANK ON CURRENT USERS OF SERVICES. A SERIES OF CHARTS CONSTITUTE MODEL 4, WHICH ILLUSTRATES A METHOD FOR DETERMINING THE CRITICAL PATHWAY OF AN INDIVIDUAL THROUGH THE CARE-GIVING SYSTEM. THE LINKAGE AMONG AGENCIES AND THE CHANNELS ALONG WHICH PEOPLE ARE PROCESSED IS SHOWN IN MODEL 5. THE FINAL MODEL DEMONSTRATES HOW THE ELEMENTS IN A MULTI-SERVICE FACILITY ARE LINKED WITH ONE ANOTHER IN TERMS OF PEOPLE WHO COME FOR HELP. THIS PAPER WAS PRESENTED AT THE 45TH ANNUAL MEETING OF THE AMERICAN ORTHOPSYCHIATRIC ASSOCIATION (CHICAGO, MARCH 20-23, 1968). (CG)

ED 020 540 **CG 002 114**

FERGUSON, JOHN L.

BASIC REQUIREMENTS FOR AN ADEQUATE PUPIL PERSONNEL PROGRAM.

GREAT PLAINS SCH.DIST.ORG. PROJECT, LINCOLN ,NEBR.

PUB DATE 10 APR 68

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS— *PROGRAM ADMINISTRATION, *STUDENT PERSONNEL PROGRAMS, *STUDENT PERSONNEL SERVICES, ADMINISTRATIVE ORGANIZATION, GUIDANCE PROGRAMS, ORGANIZATION, PROGRAM EVALUATION, STAFF UTILIZATION,

THE PRINCIPAL CONCERN IN DEVELOPING THE BASIC REQUIREMENTS FOR A PUPIL PERSONNEL PROGRAM IS HOW THE PROGRAM SHOULD BE ORGANIZED TO PROVIDE EACH PUPIL WITH THE BEST QUALIFIED SERVICE, SO THAT THE PUPIL CAN MOBILIZE HIS STRENGTHS AND RESOURCES TO HIS GREATEST BENEFIT. ONE REQUIREMENT IS THAT ONE PERSON SHOULDER THE RESPONSIBILITY FOR THE GUIDANCE OF EACH CHILD, WITH THE REMAINING STAFF ACTING AS RESOURCES TO THE CHILD AND HIS COUNSELOR. THE OPERATIONAL UNIT, WHICH IS THE BASIC AND COMPLETE UNIT SERVING ONE OR MORE ATTENDANCE UNITS, SHOULD ASSESS, INTERPRET, AND IMPLEMENT INDIVIDUAL NEEDS. ALTHOUGH EACH OPERATIONAL UNIT SHOULD HAVE CERTAIN CORE SERVICES AND PROGRAMS, DIFFERENTIAL PUPIL PERSONNEL SERVICES WILL BE NECESSARY TO MEET THE NEEDS OF SELECTED CHILDREN. BASIC MINIMAL STAFFING OF OPERATIONAL UNITS SHOULD PROVIDE FOR CERTIFIED PERSONNEL REPRESENTING GUIDANCE AND COUNSELING, SCHOOL PSYCHOLOGY, SCHOOL SOCIAL WORK, AND HEALTH SERVICES, ASSISTED BY SUB-PROFESSIONAL PERSONNEL. OTHER REQUIREMENTS ARE THE NEED FOR LOCAL AND INTERMEDIATE OPERATIONAL UNITS, PROGRAM EVALUATION, AND CURRICULAR OPPORTUNITIES MEETING BASIC VOCATIONAL AND AVOCATIONAL NEEDS. FINALLY, THE STATE DEPARTMENTS OF EDUCATION MUST PROVIDE ACTIVE LEADERSHIP AND ESTABLISH REGIONAL COORDINATING SERVICE CENTERS. (CG)

ED 020 541 **CG 002 115**

WINTROB, RONALD M.

RAPID SOCIO-CULTURAL CHANGE AND STUDENT MENTAL HEALTH--A CROSS-CULTURAL COMPARISON.

AMERICAN ORTHOPSYCHIATRIC ASSN., NEW YORK, N.Y.

PUB DATE 23 MAR 68

EDRS PRICE MF-$0.25 HC-$1.92 46P.

DESCRIPTORS— *CULTURAL DIFFERENCES, *MENTAL HEALTH, *SELF CONCEPT, *SOCIAL CHANGE, ECONOMIC DEVELOPMENT, FAMILY ATTITUDES, STUDENTS,

THE EFFECTS OF RAPID SOCIO-CULTURAL CHANGE AND INTER-GENERATIONAL CONFLICT OF VALUES ON THE ROLE IDENTITY OF TWO GROUPS OF ADOLESCENT STUDENTS ARE COMPARED. THE TWO GROUPS ARE LIBERIANS OF TRIBAL ORIGIN AND CREE INDIANS OF NORTH-CENTRAL QUEBEC. CLINICAL MATERIAL IS PRESENTED TO ILLUSTRATE THE RELATIONSHIP BETWEEN IDENTITY CONFLICT AND PSYCHOLOGICAL DYSADAPTATION EXPERIENCED BY STUDENTS OF BOTH GROUPS. COMPARISONS ARE DRAWN ALONG THESE PARAMETERS--(1) ATTITUDES TOWARD EDUCATION, (2) INFLUENCE OF BELIEFS IN WITCHCRAFT, AND (3) DEFENSE MECHANISMS TO COPE WITH ROLE CONFLICT. ATTITUDES TOWARD EDUCATION SEEMED TO CORRESPOND TO THE STUDENT'S ACHIEVEMENT LEVEL. UNLIKE LIBERIAN STUDENTS, THE CREE DO NOT ATTRIBUTE RESPONSIBILITY FOR WITCHCRAFT TO THEIR OWN KIN. LIBERIANS USE DENIAL AND PROJECTION DEFENSES, WHILE THE CREE USE INTROJECTIVE DEFENSES. PRELIMINARY STUDY SUGGESTS THAT ATTEMPTS OF BOTH GROUPS TO RESOLVE IDENTITY CONFLICT FOLLOW--(1) POLARIZATION TOWARD THE IDENTITY MODEL REPRESENTED BY THE URBAN MIDDLE CLASS, OR (2) POLARIZATION TOWARD THE OLDER GENERATION, OR (3) A SYNTHESIS OF BOTH. FACTORS DETERMINING THE DEGREE OF CONFLICT ARE LISTED. THIS PAPER WAS PRESENTED AT THE AMERICAN ORTHOPSYCHIATRIC ASSOCIATION CONVENTION (CHICAGO, MARCH 23, 1968). (PH)

ED 020 542 **CG 002 118**

MAYER, HERTA SCHAMESS, GERALD

THE IMPORTANCE OF MAINTAINING LONG-TERM TREATMENT SERVICES FOR THE ECONOMICALLY DEPRIVED FAMILY.

AMERICAN ORTHOPSYCHIATRIC ASSN., NEW YORK, N.Y.

PUB DATE 23 MAR 68

EDRS PRICE MF-$0.25 HC-$1.00 23P.

DESCRIPTORS— *CASE RECORDS, *ECONOMICALLY DISADVANTAGED, *FAMILY PROGRAMS, *MENTAL HEALTH PROGRAMS, COMMUNITY PROGRAMS, FAMILY COUNSELING, FAMILY ENVIRONMENT, MENTAL HEALTH CLINICS, THERAPEUTIC ENVIRONMENT,

CASE PRESENTATIONS ILLUSTRATING THE USE OF VARIOUS TYPES OF TECHNIQUES EMPHASIZE THE NEED FOR LONG-TERM TREATMENT FACILITIES FOR POVERTY-STRICKEN CHILDREN AND PARENTS. THE FORMULATED TREATMENT APPROACH ATTEMPTS TO PROVIDE AN EMOTIONALLY CORRECTIVE MILIEU FOR THE CHILD WHILE HE IS LIVING WITH HIS OWN FAMILY. IT IS CONTENDED THAT FACILITIES SHOULD BE AN INTEGRAL PART OF COMMUNITY MENTAL HEALTH CENTERS OR INDEPENDENT FACILITIES CLOSELY WORKING WITH SUCH CENTERS. THE THERAPY SESSIONS, WHETHER INDIVIDUAL, GROUP, FAMILY, OR A COMBINATION TREATMENT, SHOULD BE SUPPLEMENTED BY MEDICATION, HEALTH CARE, AND ENVIRONMENTAL MANIPULATION. TREATMENT SHOULD CONTINUE FOR ONE TO FOUR YEARS, WITH FOLLOW-UP AS NEEDED. THE PROBLEM IS PROVIDING QUALITY SERVICE TO A QUANTITY OF PEOPLE. NEW METHODS OF MENTAL HEALTH INTERVENTION ARE NEEDED. COMMUNITY MENTAL HEALTH PROGRAMS SHOULD BE DEVELOPED, WHILE TREATMENT RESOURCES ALREADY IN EXISTENCE SHOULD BE SIMULTANEOUSLY EXPANDED. THIS PAPER WAS PRESENTED AT THE 45TH ANNUAL MEETING OF THE AMERICAN ORTHOPSYCHIATRIC ASSOCIATION (CHICAGO, MARCH 20-23, 1968). (PH)

ED 020 543 **CG 002 120**

SAGE, ELLIS H.

DEVELOPMENTAL LEVEL AND VOCATIONAL INTERESTS (SVIB).

ROCHESTER UNIV., N.Y.

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *DEVELOPMENTAL TASKS, *PERSONALITY ASSESSMENT, *VOCATIONAL DEVELOPMENT, *VOCATIONAL INTERESTS, INTEREST SCALES, INTEREST TESTS, STRONG VOCATIONAL INTEREST BLANK,

DEVELOPMENTAL TASKS OF IMPLEMENTING A VOCATIONAL ROLE IN LATE ADOLESCENCE WERE UNRELATED TO A DEVELOPMENTAL SCALE (DS) FOR COLLEGE FRESHMENT (N107 MALES). THE DEVELOPMENTAL TASKS CORRELATED SIGNIFICANTLY WITH SOME JACKSON PERSONALITY RESEARCH FORM NEEDS (PRF)--(1) INTEREST PATTERNING CORRELATED WITH UNDERSTANDING (.31) AND AFFILIATION (-.22), WHEREAS (2) INTEREST CONGRUENCE, AND EDUCATIONAL PLAN AGREEING WITH INTERESTS, CORRELATED ALSO WITH UNDERSTANDING (.34) AND AFFILIATION (-.35), AND ADDITIONALLY WITH EXHIBITION (-.21), PLAY (-.32), INTEREST PATTERNING (.31), CLARITY OF INTERESTS (.25), PLUS COLLEGE ENTRANCE EXAMINATION BOARDS-VERBAL (.22). SOME SUPPORT WAS FOUND FOR DS RELATED TO DEVELOPMENTAL SKILLS. DS CORRELATED SIGNIFICANTLY WITH MINNESOTA MULTIPHASIC PERSONALITY INVENTORY EGO-STRENGTH (-.57), AGGRESSION (.38), AFFILIATION (-.23), SENTIENCE (.32), AND SOCIAL DESIRABILITY (-.38), BUT NOT WITH INTEREST DEVELOPMENT. (AUTHOR)

ED 020 544 **CG 002 121**

TAYLOR, CALVIN W. AND OTHERS

EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES.

UTAH UNIV., SALT LAKE CITY, DEPT. OF PSYCHOLOGY

AIR FORCE OFFICE OF SCIENTIFIC RES., ARLINGTON,VA.

PUB DATE APR 67

EDRS PRICE MF-$1.25 HC-$12.40 308P.

DESCRIPTORS— *COMMUNICATION SKILLS, *MILITARY PERSONNEL, COMMUNICATION PROBLEMS, CREATIVITY RESEARCH, MILITARY TRAINING,

THIS STUDY SOUGHT TO IDENTIFY VARIABLES RELATED TO EFFECTIVENESS OF COMMUNICATION IN MILITARY OPERATIONS. THE GOAL WAS TO DEVELOP TESTS TO CLASSIFY OFFICERS AND AIRMEN, BASED UPON ALL OF THE BROAD COMMUNICATION ABILITIES NEEDED IN THE AIR FORCE. THE RESEARCH OUTLINE CONSISTED OF REVIEWING COMMUNICATION STUDIES AND OTHER TESTS, PREPARING A REDUCED BATTERY, AND ANALYZING THE DATA. THESE BATTERIES OF SCORES WERE USED--(1) BATTERY A (APTITUDE TEST SCORES), (2) BATTERY B (PERSONALITY AND SELF-REPORT SCORES), AND (3) BATTERY C (PREDICTOR AND SITUATIONAL CRITERION SCORES). SEVERAL HYPOTHESES WERE DRAWN PERTAINING TO EXISTING MEASURES AND INVOLVING NEW INTELLIGENCE AND PERSONALITY MEASURES. THE RESULTS INDICATE THAT MANY MEASURING DEVICES COULD BE IMPROVED. COMMUNICATION ABILITIES ARE HIGH-LEVEL SKILLS UNDERLYING MANY IMPORTANT ACTIVITIES AND COMPRISING A VAST AREA INVOLVING A LARGE NUMBER OF VARIABLES. AS A RESULT OF THIS STUDY, A STANDARD SET OF COMMUNICATION ABILITIES AND TRAITS WHICH UNDERLIE SUCCESSFUL PERFORMANCES ACROSS TYPICAL COMMUNICATION TASKS IN AN ORGANIZATION WERE IDENTIFIED. (PH)

ED 020 545 CG 002 122
STEDMAN, JAMES M. SERRANO, ALBERTO C.
A "SYSTEMS" APPROACH TO THE "SCHOOL UNDERACHIEVER."
BEXAR COUNTY COMMUNITY GUIDANCE CENTER
EDRS PRICE MF-$0.25 HC-$0.60 13P.
DESCRIPTORS— *CASE STUDIES (EDUCATION), *DEVELOPMENTAL PSYCHOLOGY, *SYSTEMS ANALYSIS, *UNDERACHIEVERS, CULTURALLY DISADVANTAGED, SOCIAL SYSTEMS, SYSTEMS APPROACH,
USING A CONCEPTUAL MODEL DRAWN FROM SYSTEMS-ORIENTED THINKING AND RESEARCH IN DEVELOPMENTAL PSYCHOLOGY, A LIMITED NUMBER OF SCHOOL UNDERACHIEVEMENT PROBLEMS WERE ANALYZED. SCHOOL UNDERACHIEVERS ARE VIEWED AS BIOLOGICAL SYSTEMS TRANSACTING WITH A VARIETY OF SOCIAL SYSTEMS. THEREFORE, THE FOCUS IS ON FINDING PROBLEM-PRODUCING ELEMENTS IN THE TOTAL SYSTEM. SINCE INTERACTION WITH A SOCIAL SYSTEM IS BEST UNDERSTOOD IN ITS DEVELOPMENTAL CONTEXT, THE UNDERACHIEVER'S BEHAVIOR IS STUDIED IN TWO WAYS--(1) AS IT REFLECTS HIS DEVELOPMENTAL LEVELS, AND (2) AS IT REFLECTS DEVELOPMENTAL LEVELS OF INTERACTING ENVIRONMENTAL SYSTEMS. CASES REPRESENTING POSSIBLE TYPES OF UNDERACHIEVEMENT ARE PRESENTED. THESE CASES DEMONSTRATE A SYSTEMS AND DEVELOPMENTAL APPROACH IN THE SOLUTION. RECOMMENDATIONS ARE BASED ON AN ANALYSIS OF THE SYSTEM IN WHICH CULTURALLY DISADVANTAGED CHILDREN LIVE, AND THE DEVELOPMENTAL DEFICITS PRODUCED. CHANGES ARE NEEDED WITHIN THE SCHOOL, FOR IT IS THE SYSTEM DESIGNATED TO COPE WITH THESE PROBLEMS. (PH)

ED 020 546 CG 002 127
AIKEN, LEWIS R., JR.
A REVIEW OF RESEARCH ON THE WELSH FIGURE PREFERENCE TEST.
RICHARDSON FOUNDATION, GREENSBORO, N.C.
PUB DATE JUN 67
EDRS PRICE MF-$0.25 HC-$1.36 32P.
DESCRIPTORS— *OBJECTIVE TESTS, *PERSONALITY STUDIES, *PERSONALITY TESTS, BARRON WELSH ART SCALE, CALIFORNIA PSYCHOLOGICAL INVENTORY, CONFORMITY, CREATIVITY RESEARCH, MATURATION, MINNESOTA MULTIPHASIC PERSONALITY INVEN, PERSONALITY, THE REVISED ART SCALE, WELSH FIGURE PREFERENCE TEST,
THE WELSH FIGURE PREFERENCE TEST (WFPT) CONSISTS OF 400 BLACK AND WHITE LINE DRAWINGS. THE EXAMINEE INDICATED WHETHER HE LIKES OR DISLIKES EACH DRAWING. THIS NON-LANGUAGE, OBJECTIVE METHOD OF ASSESSING PERSONALITY REVEALS TWO MAJOR FACTORS--(1) THE TENDENCY TO LIKE OR DISLIKE FIGURES, AND (2) THE TENDENCY TO PREFER SIMPLE, SYMMETRICAL FIGURES. STUDIES DEMONSTRATE THAT THOSE WHO PREFER SIMPLE DESIGNS TEND TO BE ANTISOCIAL OR REBELLIOUS. RESPONSES ON THE WFPT ARE DISCUSSED IN RELATIONSHIP TO MENTAL MATURITY, CONFORMANCE, INDEPENDENCE OF JUDGMENT, MASCULINITY-FEMININITY, PERSONALITY INVENTORIES, AND THE DEVIATION HYPOTHESIS. REVIEWS OF THE WFPT INDICATE THAT ALTHOUGH THE TEST ITEMS ARE RELATIVELY CONTENT-FREE AND DIFFERENTIATE BETWEEN GROUPS, THEY DO NOT PREDICT WELL IN INDIVIDUAL CASES. WFPT SCORES REPORTEDLY DO NOT HAVE HIGH CORRELATIONS WITH RATINGS OF ACTUAL BEHAVIOR. THE BARRON-WELSH ART SCALE AND THE REVISED ART SCALE ARE BRIEFLY REVIEWED. (PH)

ED 020 547 CG 002 128
FRYE, ROLAND
ANALYSIS OF PATTERNS OF LIFE HISTORY ANTECENDENTS OF EXECUTIVES FROM DIFFERENT COUNTRIES.
RICHARDSON FOUNDATION, GREENSBORO, N.C.
PUB DATE APR 67
EDRS PRICE MF-$0.50 HC-$3.40 83P.
DESCRIPTORS— *ADMINISTRATIVE PERSONNEL, *FACTOR ANALYSIS, *FACTOR STRUCTURE, *INDUSTRIAL STRUCTURE, *PERSONALITY, ACADEMIC ACHIEVEMENT, MOBILITY, SELF CONCEPT, SELF EVALUATION, SOCIAL RELATIONS,
TO DETERMINE IF THERE WERE DIFFERENCES IN THE FACTOR STRUCTURE OF BIOGRAPHICAL INFORMATION DATA OF EXECUTIVES, IT WAS HYPOTHESIZED THAT FACTOR STRUCTURE WOULD BE RELATED TO FUNCTIONAL ASSIGNMENT AND THE EMPHASIS GIVEN THAT FUNCTION BY THE ORGANIZATION. A SURVEY QUESTIONNAIRE WAS ADMINISTERED TO 382 LATIN AMERICAN EXECUTIVES. A PRINCIPLE COMPONENT FACTOR ANALYSIS WITH AN ORTHOGONAL ROTATION WAS PERFORMED, AND REGRESSION WEIGHTS WERE DETERMINED FOR EACH ITEM ON THESE FACTORS--(1) UPWARD MOBILITY THROUGH EDUCATIONAL ACHIEVEMENT, (2) SELF-DESCRIPTION IN TERMS OF THE WORLD OF REALITY AND CONCRETE AREAS, (3) SELF-PERCEPTION OF PERSONAL ABILITY AND ACHIEVEMENT IN MORE ABSTRACT AREAS, (4) ATTITUDES TOWARD FAMILY, AND (5) INTERPERSONAL RELATIONS IN SOCIAL ACTIVITIES. THIS STUDY SUGGESTED THAT THE STRUCTURE OF AN INDUSTRIAL ORGANIZATION DETERMINES THE TYPE OF PERSON WHO WILL REACH EXECUTIVE LEVEL. THE PERSON'S CHARACTERISTICS WILL BE AFFECTED BY THE ORIGINAL ASSIGNMENT. IT WAS DEMONSTRATED THAT FACTOR SCORES DESCRIBE PEOPLE BETTER THAN DISCRETE, LIFE-HISTORY ITEMS. (AUTHOR/PH)

ED 020 548 CG 002 204
SMITH, STUART E. AND OTHERS
A NEW FACTOR ANALYSIS OF THE SVIB--SUGGESTED MODIFICATION OF EXISTING GROUPS AND IMPLICATIONS FOR COUNSELING.
AMERICAN PERSONNEL AND GUIDANCE ASSN., WASH., D.C.
PUB DATE APR 68
EDRS PRICE MF-$0.25 HC-$0.52 11P.
DESCRIPTORS— *FACTOR ANALYSIS, *INTEREST SCALES, *OCCUPATIONAL CLUSTERS, CAREER PLANNING, INTERESTS, OCCUPATIONAL INFORMATION, OCCUPATIONS,
FACTOR ANALYSIS WAS CARRIED OUT TO ASCERTAIN THE BEST OCCUPATIONAL GROUP LOCATION FOR EACH OF FOUR STRONG VOCATIONAL INTEREST BLANK (SVIB) SCALES--VETERINARIAN, SENIOR CPA, PHARMACIST, AND MORTICIAN. THE SVIB WAS ADMINISTERED TO 125 MALE LIBERAL ARTS FRESHMEN. MEANS, STANDARD DEVIATIONS, AND INTERCORRELATIONS WERE COMPUTED. THIS FACTOR ANALYSIS STUDY, TOGETHER WITH RESULTS FROM OTHER STUDIES, INDICATES THAT THE SENIOR CPA SCALE IS CORRECTLY PLACED IN GROUP VII. THE DATA INDICATE, HOWEVER, THAT PHARMACIST AND MORTICIAN DO NOT BELONG IN GROUP VII. THE INVESTIGATORS BELIEVE THAT THEY SHOULD CONSTITUTE A NEW GROUP, TENTATIVELY LABELED GROUP VIIIA. THEY INDICATE ALSO, THAT VETERINARIAN DOES NOT SEEM TO BELONG IN GROUP I. THEY BELIEVE THAT IT IS BETTER PLACED AS A SINGLE SCALE-FAMILY, TENTATIVELY LABELED GROUP IVA. THIS PAPER WAS PRESENTED AT THE AMERICAN PERSONNEL AND GUIDANCE ASSOCIATION CONVENTION (DETROIT, APRIL 1968). (CG)

ED 020 549 24 CG 002 311
SIEBER, JOAN E.
A PARADIGM FOR EXPERIMENTAL MODIFICATION OF THE EFFECTS OF TEST ANXIETY ON COGNITIVE PROCESSES.
STANFORD UNIV., CALIF., STANFORD CTR. FOR R. AND D
REPORT NUMBER BR-5-0252
PUB DATE MAY 68
CONTRACT OEC-6-10-078
EDRS PRICE MF-$0.25 HC-$1.16 27P.
DESCRIPTORS— *ANXIETY, *COGNITIVE PROCESSES, *PROBLEM SOLVING, *TESTING, CONCEPTUAL SCHEMES, EDUCATIONAL INNOVATION,
WHILE IT IS WIDELY RECOGNIZED THAT TEST ANXIETY INTERFERES WITH COGNITIVE PROCESSES, THE RESEARCH FROM WHICH THIS CONCLUSION IS DRAWN TYPICALLY HAS NOT SHOWN WHICH COGNITIVE PROCESSES ARE INTERFERED WITH OR WHAT PRACTICAL STEPS COULD BE TAKEN TO PREVENT SUCH INTERFERENCE. THE REASONS FOR THIS LACK OF USEFUL KNOWLEDGE ARE DISCUSSED. IT IS SHOWN THAT EXISTING CONCEPTS OF ANXIETY ARE NOT SUFFICIENTLY SPECIFIC AND SYSTEMATIZED TO PROVIDE AN ADEQUATE FRAMEWORK FOR APPLIED RESEARCH, AND THAT THE CURRENT GOALS OF RESEARCH ON ANXIETY ARE OVERSIMPLIFIED AND TOO GENERAL. A RESEARCH PARADIGM IS PRESENTED FOR STUDYING THE PROCESSES BY WHICH ANXIETY INTERRUPTS INTELLECTIVE ACTIVITY AND FOR EXAMINING WAYS IN WHICH ENVIRONMENTS MAY BE RECONSTRUCTED SO THAT DISRUPTION DOES NOT OCCUR. THIS PARADIGM CAN PROVIDE INFORMATION ON WAYS IN WHICH LEARNING ENVIORNMENTS CAN BE MODIFIED TO TAKE ADVANTAGE OF THE FACILITATING EFFECTS OF ANXIETY AND TO ELIMINATE ITS DISRUPTIVE EFFECTS. FURTHER, SUCH A PARADIGM PROVIDES A BASIS FOR THE CONSTRUCTION OF RELATIVELY PRECISE MINIATURE THEORIES OF ANXIETY IN RELATION TO COGNITIVE PROCESSES. THIS DOCUMENT WAS SUBMITTED FOR PUBLICATION TO THE AMERICAN EDUCATION RESEARCH JOURNAL. (AUTHOR)

ED 020 550 24 CG 002 335
MODIANO, NANCY MACCOBY, MICHAEL
CULTURAL AND SOCIOLOGICAL FACTORS RELATING TO LEARNING DEVELOPMENT. FINAL REPORT.
NEW YORK UNIV., N.Y., SCH. OF EDUCATION
REPORT NUMBER BR-6-8636
PUB DATE 31 AUG 67
GRANT OEG-1-7-068636-0191
EDRS PRICE MF-$0.50 HC-$4.80 118P.
DESCRIPTORS— *COGNITIVE DEVELOPMENT, *PERSONALITY DEVELOPMENT, *SOCIOCULTURAL PATTERNS, *SOCIOECONOMIC INFLUENCES, FAMILY RELATIONSHIP, MINORITY GROUP CHILDREN,
THE PRIMARY PURPOSE OF THIS STUDY WAS TO COMPARE CULTURAL AND CHARACTER VARIABLES AND RELATE THEM TO THE COGNITIVE DEVELOPMENT OF MEXICAN PEASANT CHILDREN. THE CULTURAL VARIABLES STUDIED INCLUDE ECONOMIC LEVELS, MORAL AND AFFECTIVE JUDGMENTS, AND THE RELATIONSHIPS BETWEEN PARENTS AND CHILDREN. MODES OF ASSIMILATION, SOCIAL RELATIONS, FIXATIONS, AGGRESSIVENESS, HOSTILITIES, FEARS, ASPIRATIONS, FANTASIES, AND PRODUCTIVITY WERE THE CHARACTER VARIABLES. THE COGNITIVE VARIABLES INCLUDE GENERAL LEVEL OF INTELLECTUAL FUNCTIONING, EQUIVALENCE AND DIFFERENCE JUDGMENTS, MORAL REASONING, AND ATTRIBUTIONS OF LIFE AND CAUSALITY. IT WAS CONCLUDED THAT VILLAGE CHILDREN DID TEND TO DEVELOP THOSE INTELLECTUAL SKILLS MOST FUNCTIONAL FOR THEIR SOCIETY. ADDITIONAL CONCLUSIONS AND IMPLICATIONS ARE GIVEN. (CG)

ED 020 551 24 CG 002 339
LAMKIN, F.D.
A PERSONALITY VARIABLE OF PREADOLESCENT YOUTH IN RELATION TO THE ELEMENTARY SCHOOL PROGRAM. FINAL REPORT.
VIRGINIA UNIV., CHARLOTTESVILLE, SCH. OF EDUC.
REPORT NUMBER BR-7-C-012
PUB DATE 67
GRANT OEG-1-7-070012-3911
EDRS PRICE MF-$0.50 HC-$2.72 66P.
DESCRIPTORS— *ELEMENTARY SCHOOL STUDENTS, *INDIVIDUAL CHARACTERISTICS, *SEX

DIFFERENCES, *STUDENT SCHOOL RELATIONSHIP, PERSONALITY ASSESSMENT,

THE OVERALL OBJECTIVE OF THE STUDY WAS TO DETERMINE THE DIRECTION AND EXTENT OF THE RELATIONSHIP BETWEEN INTRASEX VARIATIONS ALONG THE MASCULINITY-FEMININITY CONTINUUM AND VARIATIONS IN SEVERAL VARIABLES RELATED TO YOUTH IN THE ELEMENTARY SCHOOL INCLUDING–(1) JUDGED BEHAVIOR ACCEPTABILITY, (2) STANDARDIZED TEST ACHIEVEMENT IN THE LANGUAGE ARTS, READING, AND ARITHMETIC, (3) GRADE-POINT AVERAGE, (4) MEASURES OF EIGHT DIFFERENT SCHOOL INTERESTS, AND (5) INTELLIGENCE. THE STUDY DESIGN WAS ESSENTIALLY CORRELATIONAL WITH TWO TYPES OF ANALYSES OF INTRASEX VARIATIONS. IN ADDITION, AN EXAMINATION OF THE DATA WAS MADE FOR EXPECTED INTERSEX DIFFERENCES PREDICTED BY FINDINGS IN THE REVIEW OF THE LITERATURE. THE SAMPLE CONSISTED OF 181 SIXTH-GRADE STUDENTS IN VIRGINIA PUBLIC SCHOOLS WHO WERE TAUGHT BY FEMALE TEACHERS (EXCEPTIONS WERE NOTED). THE RESULTS SHOW NEGATIVE CORRELATIONS BETWEEN MENTAL MASCULINITY IN BOTH SEXES AND SCHOOL-RELATED INTERESTS AND ACHIEVEMENT AREAS, SUGGESTING STRONGLY THE NEED FOR CHANGES IN THE SCHOOLS, PARTICULARLY ELEMENTARY SCHOOLS, WHICH WILL ACCOMMODATE PROGRAMS OF STUDY AND INSTRUCTIONAL PROCEDURES TO INDIVIDUALS AT EACH END OF THE MASCULINITY-FEMININITY CONTINUUM. (CG)

ED 020 552 24 CG 002 340
ALLEN, VERNON L. *LEVINE, JOHN M.*
CONSENSUS AND CONFORMITY.
WISCONSIN UNIV., MADISON
REPORT NUMBER BR-5-0216
PUB DATE JAN 68
CONTRACT OEC-5-10-154
EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *CONFORMITY, *GROUP BEHAVIOR, *SOCIAL ATTITUDES, BEHAVIOR, BEHAVIOR THEORIES, SOCIAL INFLUENCES,

IN THIS STUDY, PROFESSOR ALLEN EMPLOYS TWO METHODS OF BREAKING GROUP CONSENSUS, AND HE MEASURES THE EFFECTS ON THE RESPONSES OF COLLEGE SUBJECTS TO BOTH OBJECTIVE AND SUBJECTIVE STIMULI. THE RESULTS SUGGEST THE NEED FOR MODIFICATION OF EXISTING THEORIES OF CONFORMITY BEHAVIOR. IN ADDITION, THESE RESULTS EMPHASIZE THE DIFFERENCES IN CONFORMITY OF MALES AND FEMALES. GROUP CONSENSUS WAS BROKEN EITHER BY A PARTNER AGREEING EXACTLY WITH THE SUBJECT (S) (SOCIAL SUPPORT) OR BY A DISSENTER GIVING A RESPONSE EVEN MORE INCORRECT THAN THE GROUP'S (EXTREME DISSENT). USING THE CRUTCHFIELD APPARATUS, 157 MALE AND FEMALE SS RESPONDED TO VISUAL, INFORMATION, AND OPINION ITEMS. RESULTS DISCLOSED THAT EXTREME DISSENT, IN COMPARISON WITH AN UNANIMOUS GROUP, SIGNIFICANTLY DECREASED CONFORMITY ON VISUAL AND INFORMATION BUT NOT ON OPINION ITEMS. SOCIAL SUPPORT SIGNIFICANTLY REDUCED CONFORMITY ON ALL THREE TYPES OF ITEMS FOR MALES, AND ON VISUAL AND INFORMATION ITEMS FOR FEMALES. THE RESULTS CAST DOUBT ON ASCH'S CONTENTION THAT BREAKING GROUP CONSENSUS, PER SE, IS RESPONSIBLE FOR THE EFFECTIVENESS OF SOCIAL SUPPORT IN REDUCING CONFORMITY. (AUTHOR)

ED 020 553 24 CG 002 342
COTTINGHAM, HAROLD F.
RATIONALE FOR ELEMENTARY SCHOOL GUIDANCE. FINAL REPORT.
FLORIDA ST. UNIV., TALLAHASSEE
REPORT NUMBER BR-7-0743
PUB DATE MAR 67
CONTRACT OEC-2-7-070743-2987
EDRS PRICE MF-$0.25 HC-$2.16 52P.

DESCRIPTORS— *ELEMENTARY SCHOOL GUIDANCE, *GUIDANCE FUNCTIONS, *GUIDANCE OBJECTIVES, *MODELS,

AN IDENTIFICATION OF THE CONCEPTUAL ELEMENTS LEADING TO A RATIONALE FOR THE GUIDANCE FUNCTION IN THE ELEMENTARY SCHOOL WAS INVESTIGATED, UTILIZING THE RESULTS OF RESEARCH AND GUIDANCE EXPERIENCE, AND PHILOSOPHICAL, PSYCHOLOGICAL, AND EDUCATIONAL CONCEPTS. THE SPECIFIC OBJECTIVES INCLUDED THE PREPARATION OF A TENTATIVE POSITION STATEMENT OR WORKING PAPER, BASED UPON RESEARCH FINDINGS, AND THE REVIEW OF THIS DRAFT BY A WORKING COMMITTEE AND FIELD READERS REPRESENTING ELEMENTARY COUNSELORS, COUNSELING SUPERVISORS, AND COUNSELOR EDUCATORS AS WELL AS PSYCHOLOGISTS, EDUCATORS, AND OTHER BEHAVIORAL SCIENTISTS. SUBSEQUENT OBJECTIVES WERE THE REVISION AND REVIEW OF A SECOND DRAFT OF THE WORKING PAPER AND SUBMISSION OF IT TO A WORKING COMMITTEE. THE METHODS INCLUDED BOTH A LITERATURE SEARCH AND EMPIRICAL FINDINGS FROM WORKING COMMITTEES, FIELD READERS, AND THE SELECTED INTERVIEWS. THE REACTION OF THEORETICIANS, PHILOSOPHERS, BEHAVIORAL SCIENTISTS, AND PRACTITIONERS IN THE FIELD OF GUIDANCE AND ELEMENTARY EDUCATION WERE OBTAINED. THE RESULTS ARE IN THE FORM OF THREE DRAFTS OF A WORKING PAPER–(1) CONCEPTUAL ELEMENTS OF ELEMENTARY SCHOOL GUIDANCE, (2) WORKING PAPER ON THE GUIDANCE ASPECT OF EDUCATION, AND GUIDANCE STRATEGIES AND METHODS IN THE ELEMENTARY SCHOOL, AND (3) GUIDANCE IN THE ELEMENTARY SCHOOL, SUGGESTED CONCEPTUALIZATION AND STRATEGIES. (AUTHOR/CG)

ED 020 554 24 CG 002 344
SHERMAN, VIVIAN S.
TRIAL AND TESTING OF AN EXPERIMENTAL GUIDANCE CURRICULUM. FINAL REPORT.
AMERICAN INST. FOR RESEARCH IN BEHAVIORAL SCIENCES
REPORT NUMBER BR-7-8091
PUB DATE 20 DEC 67
GRANT OEG-1-7-078091-3022
EDRS PRICE MF-$0.75 HC-$5.52 136P.

DESCRIPTORS— *CURRICULUM RESEARCH, *EXPERIMENTAL CURRICULUM, *GUIDANCE PROGRAMS, *OCCUPATIONAL GUIDANCE, CAREER PLANNING, CURRICULUM DEVELOPMENT, CURRICULUM GUIDES,

INNOVATIVE VOCATIONAL GUIDANCE CURRICULUM MATERIALS WERE DESIGNED TO INCREASE SELF-UNDERSTANDING AND MOTIVATION RELATIVE TO CAREER EXPLORATION AND PLANNING. THESE MATERIALS STEMMED ORIGINALLY FROM A SURVEY OF ATTITUDES AND PLANNING RELATIVE TO CAREER DEVELOPMENT IN THE PALO ALTO UNIFIED SCHOOL DISTRICT. THE RESEARCH DATA WAS USED AS CURRICULUM CONTENT, FOCUSING UPON THE SELF AS A CRUCIAL VARIABLE IN CAREER MOTIVATION. DETAILED BACKGROUND ON THE MATERIAL IS GIVEN IN SECTION I. SECTION II DESCRIBES THE SETTING, DESIGN, METHODS EMPLOYED FOR TEACHER ORIENTATION, INSTRUMENTS, SCORING PROCEDURES, RATER RELIABILITY FOR HANDLING SUBJECTIVE DATA, TESTING PROCEDURES AND PROBLEMS, AND METHOD OF ANALYSIS. THOUGH SOME STATISTICALLY SIGNIFICANT RESULTS EMERGED AS EVIDENCE THAT THE CURRICULUM EXPERIENCE DID HAVE SOME DESIRED EFFECTS, CERTAIN LIMITATIONS LEAD TO THE CONCLUSION THAT, IN EFFECT, THE MATERIALS IN THEIR PRESENT FORM HAVE NOT BEEN ADEQUATELY TESTED. OTHER FINDINGS, SUCH AS SEX DIFFERENCES AND SOME GRADE INTERACTIONS, TENDED TO SUGGEST DIRECTIONS FOR CURRICULUM INNOVATION, EDUCATIONAL PRACTICES, AND FURTHER RESEARCH. THESE ARE DISCUSSED IN DETAIL IN CONNECTION WITH EACH SIGNIFICANT VARIABLE IN SECTION III. SECTION IV INCLUDES A BRIEF OVERVIEW OF THE STATISTICAL RESULTS AND THEIR IMPLICATIONS FOR EDUCATIONAL PRACTICES AND CURRICULUM DEVELOPMENT, SPECIFIC CONSIDERATION OF THE INSTRUMENTS USED, AND GENERAL RESEARCH RECOMMENDATIONS. (AUTHOR/CG)

ED 020 555 24 CG 002 345
LARSON, WILLIAM R. *MYERHOFF, BARBARA G.*
INTRA-FAMILY RELATIONSHIPS AND ADOLESCENT SCHOOL ADJUSTMENT. FINAL REPORT.
UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES
REPORT NUMBER BR-5-8096
REPORT NUMBER BR-5-0300
PUB DATE DEC 67
EDRS PRICE MF-$1.00 HC-$8.96 222P.

DESCRIPTORS— *PARENT CHILD RELATIONSHIP, *SOCIALIZATION, *STUDENT ADJUSTMENT, FAMILY RELATIONSHIP, FAMILY SCHOOL RELATIONSHIP,

THE FINAL REPORTS OF TWO RESEARCH PROJECTS, INVESTIGATING THE METHODOLOGICAL AND CONCEPTUAL ASPECTS OF INTRA-FAMILY RELATIONS AS THEY RELATE TO FAMILY SOCIALIZATION EFFECTIVENESS, ARE PRESENTED. PART I IS DEVOTED TO FOUR TASKS–(1) THE PRESENTATION OF AN OVERVIEW OF THE SOCIALIZATION PROCESS IN GENERAL, AND THE FAMILY AND SCHOOL AS PARTICULAR SOCIALIZING AGENCIES, (2) AN EXPOSITION OF THE CONCEPT OF CONSENSUS, AS IT IS APPLICABLE TO THE FAMILY AS A SOCIAL SYSTEM, (3) A DESCRIPTION OF THE RESEARCH DESIGN INCLUDING PROCEDURES AND DATA WHICH HAVE BEEN DEVELOPED TO PROVIDE EMPIRICAL FOUNDATIONS FOR AN UNDERSTANDING OF INTRA-FAMILY RELATIONS AND ADOLESCENT SOCIALIZATION, AND (4) AN INTERPRETATION AND DISCUSSION OF THE DATA. PART II CONTAINS MATERIAL ON FURTHER ASPECTS OF INTRA-FAMILY RELATIONSHIPS AND SCHOOL ADJUSTMENT. ONE CHAPTER DEALS WITH AN ANALYSIS OF PERCEPTIONS OF PROBLEMS AS SEEN BY THE FATHER, MOTHER, AND SON CONCERNING THE SON'S BEHAVIOR IN A NUMBER OF SOCIALIZATION ARENAS. ANOTHER, CHAPTER EIGHT, CONCERNS AN ANALYSIS OF DIFFERENTIAL UTILIZATION OF SOCIALIZATION TECHNIQUES FOR INFLUENCING THE BEHAVIOR OF THE SON, AS RELATED TO THE SCHOOL ADJUSTMENT CRITERION. CHAPTER NINE REPRESENTS A SEPERATE REPORT. ALTHOUGH THE CHAPTER UTILIZES DATA CONTAINED IN PRIOR CHAPTERS, THE ANALYTICAL DIMENSIONS WERE DEVELOPED LATER, AS A SEPARATE PROJECT. (AUTHOR/CG)

ED 020 556 CG 002 358
DEMOS, GEORGE D. *BENOIT, ROBERT B.*
THE COUNSELOR AND RESEARCH.
CALIFORNIA COUNSELING AND GUIDANCE ASSN.
PUB DATE 65
EDRS PRICE MF-$0.25 HC-$1.64 39P.

DESCRIPTORS— *COUNSELORS, *RESEARCH, COUNSELOR FUNCTIONS, EDUCATIONAL RESEARCH, QUESTIONNAIRES, RESEARCH PROBLEMS, RESEARCH UTILIZATION,

AN ATTEMPT WAS MADE TO IDENTIFY THE PROBLEMS, ISSUES, FUNCTIONS, QUESTIONS, AND KINDS OF RESEARCH CONDUCTED BY ACTIVE COUNSELORS IN THE FIELD OF PUPIL PERSONNEL SERVICES. A QUESTIONNAIRE WAS DEVELOPED FROM ISSUES CONSIDERED TO BE OF IMPORTANCE TO THE PUPIL PERSONNEL PROFESSION AND MAILED TO A RANDOM SAMPLE OF 500 MEMBERS SELECTED FROM A ROSTER OF THE ENTIRE MEMBERSHIP OF THE CALIFORNIA COUNSELING AND GUIDANCE ASSOCIATION. ANALYSIS OF THE DATA OBTAINED FROM THE RETURNED QUESTIONNAIRES INDICATED THAT LESS THAN HALF OF THE RESPONDENTS WERE CONDUCTING RESEARCH. MORE TIME AND FINANCIAL SUPPORT WERE MENTIONED BY A MAJORITY OF THE RESPONDENTS AS NEEDED TO CARRY OUT THEIR RESEARCH PROJECTS. ROUGHLY, ONE-HALF OF ALL THE RESEARCH IS BEING CONDUCTED IN AREAS INCLUDED UNDER ANTI-POVERTY

LEGISLATION, SPECIFICALLY, DROPOUTS AND THE CULTURALLY DEPRIVED. THE MAJORITY OF THE RESEARCH WAS BEING CARRIED OUT AT THE SECONDARY LEVEL, WITH HIGH SCHOOL STUDENTS COMPRISING THE LARGEST SINGLE GROUP BEING STUDIED. ADDITIONAL RESULTS, CONCLUSIONS, AND RECOMMENDATIONS WERE DISCUSSED. TABLES ARE INCLUDED. (CG)

ED 020 557 CG 002 367

INSTITUTE FOR EFFECTIVE SERVICE AND LEADERSHIP IN DESEGREGATED SCHOOLS.

CLARK COLL., ATLANTA, GA.

PUB DATE NOV 67

CONTRACT OEC-2-6-000166-1966

EDRS PRICE MF-$0.50 HC-$3.52 86P.

DESCRIPTORS— *INSTITUTES (TRAINING PROGRAMS), *INTEGRATION METHODS, *RACIAL INTEGRATION, *SCHOOL INTEGRATION, COUNSELOR,

SOME 40 GUIDANCE COUNSELORS AND TEACHER-COUNSELORS, INTERESTED IN IMPROVING THEIR SKILL AND COMPETENCE IN DEALING WITH DESEGREGATION PROBLEMS, MET FOR A FIVE-WEEK INSTITUTE AT CLARK COLLEGE IN ATLANTA, GEORGIA. THE PROGRAM INCLUDED THESE CLASSROOM AND PRACTICE EXPERIENCES–(1) THREE CLASSROOM COURSES INCLUDING "PSYCHOLOGY AND PROBLEMS OF SCHOOL DESEGREGATION," "SOCIOLOGY AND THE PROBLEMS OF SCHOOL DESEGREGATION," AND "THE DYNAMICS OF RACE RELATIONS," (2) PRACTICE EXPERIENCE CENTERED IN A HUMAN RELATIONS PRACTICUM, T-GROUPS, AND AN AUDIO-VISUAL MATERIALS LABORATORY. AN EXAMINATION OF THESE ACTIVITIES REVEALS BOTH THEIR STRONG AND WEAK POINTS. THE FOLLOW-UP PHASE, RESULTS, AND CONCLUSIONS OF THE INSTITUTE ARE ALSO DISCUSSED. THOSE ASPECTS OF THE PROGRAM THAT WERE OF SPECIAL INTEREST TO THE PARTICIPANTS WERE THE T-GROUPS, THE PRACTICUM, AND SPEAKERS BROUGHT IN THROUGHOUT THE COURSE IN THE DYNAMICS OF RACE RELATIONS. (CG)

ED 020 558 CG 002 368

PHILLIPS, BEEMAN N.

DIMENSIONS OF PROBLEM BEHAVIOR IN THE ELEMENTARY SCHOOL.

AMERICAN EDUCATIONAL RESEARCH ASSN., WASH., D.C.

PUB DATE FEB 68

EDRS PRICE MF-$0.25 HC-$0.68 15P.

DESCRIPTORS— *BEHAVIOR PROBLEMS, *ELEMENTARY SCHOOL STUDENTS, *MEXICAN AMERICANS, *NEGRO STUDENTS, *STUDENT BEHAVIOR, ELEMENTARY SCHOOL TEACHERS, EMOTIONALLY DISTURBED CHILDREN, HYPERACTIVITY, PEER GROUPS, TEACHER RATING, WITHDRAWAL,

INVESTIGATED HERE WERE THE UNDERLYING DIMENSIONS OF DISCRETE, OVERT PROBLEM BEHAVIORS REPORTED BY TEACHERS, AND THE EXTENT TO WHICH THOSE DIMENSIONS OF PROBLEM BEHAVIOR ARE RELATED TO OTHER INDICES OF ADAPTATION TO SCHOOL AMONG ANGLO, NEGRO, AND MEXICAN-AMERICAN CHILDREN. SELF-REPORT, TEACHER AND PEER NOMINATIONS, AND OBJECTIVE TEST DATA WERE OBTAINED ON 600 ECONOMICALLY AND RACIALLY INTEGRATED CHILDREN AT THE BEGINNING AND END OF THEIR FOURTH- AND FIFTH-GRADE YEARS. IT WAS DEMONSTRATED THAT TEACHERS CAN RELIABLY AND VALIDLY OBSERVE AND REPORT DISCRETE PROBLEM BEHAVIORS OF SCHOOL CHILDREN. ALSO, IT WAS INDICATED THAT A LARGE NUMBER OF SPECIFIC TYPES OF PROBLEM BEHAVIORS CAN BE FACTORIALLY REDUCED TO A FEW UNDERLYING DIMENSIONS. ACTIVE WITHDRAWAL WAS MORE CONSISTENTLY RELATED TO OTHER SCHOOL INDICES THAN ANY OTHER TYPE OF PROBLEM BEHAVIOR. THE HIGHEST RELATIONSHIPS BETWEEN ACTIVE WITHDRAWAL AND THE SCHOOL INDICES WERE FOUND FOR NEGROES, FOLLOWED BY THE SAME RELATIONSHIPS FOR MIDDLE-CLASS WHITE CHILDREN. THIS PAPER WAS PRESENTED AT THE AMERICAN EDUCATION RESEARCH ASSOCIATION MEETING (CHICAGO, FEBRUARY 1968). (PH)

ED 020 559 EA 001 183

GURIN, ARNOLD AND OTHERS

COST ANALYSIS IN DAY CARE CENTERS FOR CHILDREN. FINAL REPORT TO U.S. CHILDREN'S BUREAU.

BRANDEIS UNIV., WALTHAM, MASS., FLORENCE HELLER GR

PUB DATE 31 MAY 66

EDRS PRICE MF-$1.00 HC-$8.56 212P.

DESCRIPTORS— *COST EFFECTIVENESS, *COSTS, *DAY CARE SERVICES, *PERSONNEL POLICY, METHODOLOGY, RESOURCE ALLOCATIONS, SALARIES, SOCIOECONOMIC BACKGROUND, STUDENT TEACHER RATIO, STUDENT TEACHERS, TEACHER AIDES, TEACHERS,

THE PURPOSE OF THIS PROJECT WAS TO DEVELOP AND TEST A METHOD FOR ANALYZING THE COSTS OF DAY CARE CENTERS ON A COMPARABLE BASIS. THE METHODOLOGY EMPLOYED WAS THE SELECTION OF A GROUP OF REPRESENTATIVE CENTERS IN THE BOSTON AREA AND USE OF THESE AS A TESTING GROUND. THE EMPIRICAL FINDINGS OF THE SIX CENTERS SELECTED FOR STUDY ARE ANALYZED TO PROVIDE A MEASURE OF THE GENERAL UTILITY OF THE COST ANALYSIS PROCEDURE. THESE FINDINGS ARE PRESENTED UNDER THREE GENERAL TOPICS–(1) FINDINGS BASED ON THE COST ANALYSIS INCLUDING DESCRIPTIONS OF THE SCHOOLS STUDIED AND PROBLEMS OF COMPARABILITY, (2) FINDINGS BASED ON A TIME ANALYSIS CONCERNING THE DISTRIBUTION OF SALARY COSTS ON THE PART OF PERSONNEL WHO PERFORMED THE MULTIPLE FUNCTIONS, AND (3) COST OF PROGRAMS IN RELATION TO OTHER FACTORS, INCLUDING SOCIOECONOMIC DIFFERENCES AMONG FAMILIES. RECOMMENDATIONS ARE MADE CONCERNING BOTH COST ANALYSIS PROCEDURES THEMSELVES, AND PERSONNEL POLICIES. (HW)

ED 020 560 EA 001 353

SAVARD, WILLIAM G.

A DYNAMIC GENERAL PLANNING MODEL FOR THE HAWAII DEPARTMENT OF EDUCATION.

HAWAII STATE DEPT. OF EDUCATION, HONOLULU

PUB DATE 1 NOV 67

EDRS PRICE MF-$0.25 HC-$0.96 22P.

DESCRIPTORS— *EDUCATIONAL OBJECTIVES, *EDUCATIONAL PLANNING, *INFORMATION SYSTEMS, *STATE DEPARTMENTS OF EDUCATION, *STATE PROGRAMS, BUDGETING, CRITICAL PATH METHOD, EDUCATIONAL CHANGE, EDUCATIONAL PROGRAMS, EVALUATION NEEDS, HAWAII STATE DEPARTMENT OF EDUCATION, MODELS,

A PLANNING MODEL IS SUGGESTED FOR THE STATE DEPARTMENT OF EDUCATION SO THAT CHANGES IN THE SYSTEM AND THE PROGRAM CAN BE MOST EFFECTIVELY ACCOMPLISHED FOR THE REALIZATION OF LONG-RANGE AIMS, INTERMEDIATE GOALS, AND IMMEDIATE OBJECTIVES. STEPS TO CONSIDER INCLUDE EVALUATION OF RESOURCES, MATCHING RESOURCES WITH AIMS, AND FORMULATING PLANS. A VITAL PART OF THE MODEL IS A COMPREHENSIVE INFORMATION SYSTEM COMPOSED OF SIX MAJOR SUB-SYSTEMS–PUPIL PERSONNEL, STAFF PERSONNEL, MATERIEL, CURRICULUM AND INSTRUCTIONAL PROGRAMS, PHYSICAL FACILITIES, AND BUDGET AND FINANCE. FEEDBACK LOOPS MUST BE ACCURATE, UP-TO-DATE, USABLE, AND RELEVANT TO THE PLAN OR SET OF PLANS UNDER CONSIDERATION. A PLANNING SPHERE IS CONCEPTUALIZED TO LINK IDEAS AND ARRANGEMENTS NECESSARY TO IMPLEMENT THE PLAN. A FRAMEWORK OF RELATIONSHIPS IS PROPOSED, OUTLINING A TAXONOMY OF PROGRAMS–THOSE THAT ARE OPERATIONAL AND THOSE THAT ARE SUPPORTIVE AS WELL AS THOSE WHOSE PLANS AND BUDGETS ARE ON THE STATE LEVEL AND ON THE LEVEL OF THE INDIVIDUAL SCHOOL. EA 001 354 IS A RELATED DOCUMENT. (JK)

ED 020 561 EA 001 354

SAVARD, WILLIAM G.

THE HIERARCHY OF CURRICULUM AND INSTRUCTION SYSTEM DOCUMENTATION AND THE CYCLE OF CURRICULUM AND INSTRUCTION FUNCTIONS, (A PAIR OF RELATED PAPERS).

HAWAII STATE DEPT. OF EDUCATION, HONOLULU

PUB DATE 20 SEP 67

EDRS PRICE MF-$0.25 HC-$1.04 24P.

DESCRIPTORS— *CURRICULUM, *EDUCATIONAL PLANNING, *INSTRUCTIONAL PROGRAMS, *STATE DEPARTMENTS OF EDUCATION, *STATE PROGRAMS, BOARDS OF EDUCATION, COURSE DESCRIPTIONS, CURRICULUM GUIDES, DEPARTMENT DIRECTORS (SCHOOL), DOCUMENTATION, HAWAII STATE DEPARTMENT OF EDUCATION, INSTRUCTIONAL MATERIALS, LESSON PLANS, PRINCIPALS, PROGRAM DESCRIPTIONS, PROGRAM EVALUATION, PROGRAM PLANNING, SCHOOL SUPERINTENDENTS, SYSTEMS APPROACH,

CURRICULUM AND INSTRUCTIONAL PROGRAMS ARE CONSIDERED TOGETHER AS A DYNAMIC SYSTEM MARKED BY GROWTH, CHANGE, AND MODIFICATION. DEVELOPING THE CONCEPT OF A SYSTEMS APPROACH, SEVEN BASIC DOCUMENTS UTILIZED IN THE EDUCATIONAL PROCESS ARE RANKED ACCORDING TO SOURCE, THOSE RESPONSIBLE FOR THEIR FORMULATION, AND PROVISIONS FOR CONTROL–(1) LAW, (2) BOARD POLICY AND RULES, (3) PROGRAM DESCRIPTIONS, (4) COURSE DESCRIPTIONS, (5) STUDENT MATERIALS, (6) TEACHER MATERIALS, AND (7) DAILY LESSON PLANS. SUGGESTIONS FOR PROGRAM DEVELOPMENT INCLUDE PARTICIPATION IN FORMULATION BY ALL GROUPS DIRECTLY CONCERNED AND IN DEFINING THE PROCEDURE IN A SERIES OF STEPS FROM PROGRAM TITLING TO A PLAN FOR EVALUATION. AS AN ILLUSTRATION OF THE RELATIONSHIPS BETWEEN ORDERS OF PROGRAMS, A TRUNCATED TAXONOMY OF PROGRAMS IN DESCENDING ORDER OF GENERALITY IS OUTLINED–GENERAL PROGRAM, PROGRAM, SUB-PROGRAM, AND COURSE. AS AN AID TO THE ACCOMMODATION OR ACHIEVING OF CHANGE, A LOGICAL ORDERING OF FUNCTIONS IS OUTLINED AND DESCRIBED, WITH FUNCTIONS ORDERED ACCORDING TO THOSE RESPONSIBLE FOR THEM, ALL PERSONS OR GROUPS ASSISTING AND PARTICIPATING, AND THE PERSON OR GROUP EXERCISING CONTROL. EA 001 353 IS A RELATED DOCUMENT. (JK)

ED 020 562 EA 001 355

MOORE, HAROLD E.

THE SCHOOL PERSONNEL ADMINISTRATOR.

ARIZONA STATE UNIV., TEMPE, BUR.EDUC.RES.AND SVCS.

REPORT NUMBER R-SERVICE-BULL-24

PUB DATE JAN 68

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ADMINISTRATOR ROLE, *PERSONNEL POLICY, *SCHOOL PERSONNEL DIRECTORS, *TEACHER EMPLOYMENT, AASPA)AMERICAN ASSN. SCH. PERSONNEL AD, COLLECTIVE NEGOTIATION, COST EFFECTIVENESS, EDUCATIONAL TRENDS, INSERVICE PROGRAMS, MORALE, PERSONNEL DATA, PERSONNEL SELECTION, RESEARCH,

FROM BOTH PRESENT AND FUTURE PERSPECTIVES, TWO PAPERS ATTEMPT TO ASSESS AND PREDICT THE CHANGING ROLE OF THE PUBLIC SCHOOL PERSONNEL ADMINISTRATOR OR DIRECTOR. THE ROLE IS DEFINED AS IT RELATES BOTH TO THE MORE TRADITIONAL RESPONSIBILITIES OF A GENERALIST AND TO THE MORE SPECIALIZED RESPONSIBILITIES OF AN EXPERT. FUNCTIONS OF THE POSITION ARE IDENTIFIED FROM A REVIEW OF THE LITERATURE AND FROM AN EVALUATION OF THE PERSONNEL ADMINISTRATOR'S STATUS, HIS GENERAL STAFF RESPONSIBILITIES, AND HIS ASSIGNMENTS OF STAFFING THE SCHOOLS, PARTICIPATING IN COLLECTIVE NEGOTIA-

TIONS INVOLVING SCHOOL PERSONNEL, AND MAINTAINING OR INCREASING HIS PROFESSIONAL EXPERTISE. PROJECTIONS OF THE POSITION INCLUDE ITS DEVELOPMENT FOR MAXIMUM EFFECTIVENESS, CONSIDERING SUCH FACTORS AS POPULATION GROWTH, COMPUTERIZED INFORMATION AS AN EDUCATIONAL TOOL, CHANGES IN THE TEACHER ROLE, AND BETTER AND MORE EXTENSIVE PERSONNEL DATA. THIS DOCUMENT IS AVAILABLE FROM THE BUREAU OF EDUCATIONAL RESEARCH AND SERVICES, ARIZONA STATE UNIVERSITY, TEMPE, ARIZONA 85281, FOR $1.50. (JK)

ED 020 563 88 **EA 001 357**
YINGLING, KARL W.
THE FINANCIAL PHASE OF LONG RANGE PLANNING FOR PUBLIC SCHOOLS--PRESENTING A METHOD FOR PROJECTION.
BUTLER COUNTY SCHOOL BOARD, PA.
REPORT NUMBER DPSC-67-2938
PUB DATE JAN 68
EDRS PRICE MF-$0.25 HC-$0.80 18P.
DESCRIPTORS— *EDUCATIONAL FINANCE, *EDUCATIONAL PLANNING, *FINANCIAL NEEDS, *PREDICTION, *SCHOOL DISTRICTS, ASSESSED VALUATION, AVERAGE DAILY ENROLLMENT, CAPITAL OUTLAY (FOR FIXED ASSETS), ESTIMATED COSTS, EVALUATION NEEDS, EXPENDITURES, FISCAL CAPACITY, INCOME, OPERATING EXPENSES, SCHOOL DISTRICT SPENDING, STATE AID, TABLES (DATA), TAX EFFORT,
THIS DOCUMENT PRESENTS A METHOD FOR ESTIMATING FUTURE FINANCIAL NEEDS AND RESOURCES IN A LONG-RANGE PLAN FOR SCHOOL DISTRICTS. REQUIRED ASSUMPTIONS FOR A 10-YEAR PROJECTION ARE DISCUSSED AND SPECIFIC ADVICE ON COMPUTING THE NECESSARY ELEMENTS IS GIVEN. DIFFICULTIES ASSOCIATED WITH EACH ELEMENT ARE EMPHASIZED, AND SOME SOLUTIONS ARE PROPOSED. ATTENTION IS GIVEN TO THE NEED FOR EVALUATING PROJECTED AND ACTUAL INCOME AND COSTS AT THE CLOSE OF EACH FISCAL YEAR. AN APPENDIX SHOWS SAMPLE PROJECTION TABLES AND PROJECTION GRAPHS. (TT)

ED 020 564 **EA 001 358**
KAYA, ESIN AND OTHERS
DEVELOPING A THEORY OF EDUCATIONAL PRACTICE FOR THE ELEMENTARY SCHOOL. PROJECT REPORT TO THE FORD FOUNDATION FUND FOR THE ADVANCEMENT OF EDUCATION.
NORWALK BOARD OF EDUCATION, CONN.
NEW YORK UNIV., N.Y.
PUB DATE 30 JUN 67
EDRS PRICE MF-$2.00 HC-$21.80 543P.
DESCRIPTORS— *EDUCATIONAL PRACTICE, *EDUCATIONAL THEORIES, *ELEMENTARY SCHOOLS, *GLOSSARIES, *TAXONOMY, ADMINISTRATOR CHARACTERISTICS, BIBLIOGRAPHIES, ELEMENTARY SCHOOL CURRICULUM, ELEMENTARY SCHOOL TEACHERS, FACILITIES, GROUPING (INSTRUCTIONAL PURPOSES), INSERVICE TEACHER EDUCATION, ORGANIZATIONAL CLIMATE, SCHEDULING, SCHOOL ORGANIZATION, TEACHER ATTITUDES, TEACHER CHARACTERISTICS, TEACHING METHODS,
A TWO-YEAR COOPERATIVE RESEARCH PROJECT (1965-1967) WAS CONDUCTED TO SYNTHESIZE THE BODY OF AVAILABLE EMPIRICAL KNOWLEDGE RELATED TO EDUCATIONAL PRACTICE IN A MANNER TYPICAL OF SCIENTIFIC THEORY CONSTRUCTION AND TO DEVELOP A DICTIONARY OF OVER 600 COMMON EDUCATIONAL TERMS OPERATIONALLY DEFINED IN AN APPENDED GLOSSARY. THE THREE MAIN PHASES OF THE STUDY INCLUDED--(1) OBTAINING EMPIRICAL PROPOSITIONS FROM REPORTS OF OTHER STUDIES IN THE FIELD, (2) INDUCTIVELY GENERALIZING THEORETICAL PROPOSITIONS FROM THESE EMPIRICAL STATEMENTS, AND (3) FORMULATING HYPOTHETICAL PROPOSITIONS TO BE TESTED IN ONE OR MORE ELEMENTARY SCHOOLS. BASIC TO THE STUDY WAS THE AXIOM THAT EDUCATIONAL PRACTICE EXISTS PRIMARILY TO ACHIEVE PUPIL BEHAVIORS IN SIX DEPENDENT VARIABLE CATEGORIES--KNOWLEDGE, TOOL-SKILLS, COGNITIVE DEVELOPMENT, SOCIAL-EMOTIONAL GROWTH, ATTITUDES AND INTERESTS, AND SELF-DIRECTION. INDEPENDENT VARIABLES INCLUDED PUPIL VARIABLES, TEACHER VARIABLES, ADMINISTRATION, SCHOOL ORGANIZATION, SCHOOL PLANT, INSTRUCTIONAL METHODS, CURRICULUM, CLASSROOM ENVIRONMENT, SPECIAL SERVICES, AND COMMUNITY FACTORS. FROM A REVIEW OF PREVIOUSLY PUBLISHED STUDIES LISTED IN AN APPENDED BIBLIOGRAPHY OF 1,007 ITEMS, AN EXTENSIVE TAXONOMY OF FINDINGS WAS SUMMARIZED UNDER FOUR MAIN HEADINGS--(1) TEACHER CHARACTERISTICS, ROLES, AND BEHAVIORS, (2) CURRICULAR MATERIALS AND METHODS, (3) SCHOOL ORGANIZATION, AND (4) ADMINISTRATOR CHARACTERISTICS, ROLES, AND BEHAVIORS. FOR TESTING AND FURTHER THEORY DEVELOPMENT AN OPERATIONS MODEL FOR EDUCATIONAL PRACTICE WAS FORMULATED IN FOUR DIMENSIONS--OPERATIONS, PERFORMERS OF OPERATIONS, INPUT VARIABLES, AND PUPIL OUTCOMES. (JK)

ED 020 565 **EA 001 359**
WILLOWER, DONALD J.
SCHOOLS AS ORGANIZATIONS--SOME ILLUSTRATED STRATEGIES FOR EDUCATIONAL RESEARCH AND PRACTICE.
PUB DATE DEC 67
EDRS PRICE MF-$0.25 HC-$1.12 26P.
DESCRIPTORS— *CLASS MANAGEMENT, *ELEMENTARY SCHOOL TEACHERS, *SECONDARY SCHOOL TEACHERS, *SOCIAL SYSTEMS, *SUBCULTURE, COUNSELORS, DISCIPLINE, PRINCIPALS, SCHOOL ENVIRONMENT, SOCIALIZATION, STATUS NEED, STUDENT ROLE, TEACHER ADMINISTRATOR RELATIONSHIP, TEACHER BEHAVIOR, TEACHER EDUCATION, TEACHER ROLE,
WHEN THE PUBLIC SCHOOL IS VIEWED AS A SOCIAL SYSTEM, PUPIL CONTROL IS THE THREAD RUNNING THROUGHOUT SCHOOL CULTURE. THE PART OF THIS SOCIAL SYSTEM MOST CONCERNED WITH CONTROL AND EMPHASIZED IN THIS STUDY IS THE TEACHER SUBCULTURE. SINCE STATUS IN THE TEACHER SUBCULTURE IS DIRECTLY RELATED TO CLASS CONTROL, PERSONNEL WHO FIND THEIR STATUS MOST THREATENED WILL PROBABLY BE MOST CONTROL-ORIENTED. A STUDY OF 1,306 EDUCATORS (468 ELEMENTARY AND 477 SECONDARY TEACHERS, 84 ELEMENTARY AND 97 SECONDARY PRINCIPALS, AND 180 COUNSELORS) SUBSTANTIATES THIS HYPOTHESIS. ELEMENTARY TEACHERS ARE LESS CONCERNED WITH CONTROL THAN SECONDARY TEACHERS (SMALLER CHILDREN PRESENT LESS THREAT TO STATUS), PRINCIPALS ARE LESS CONTROL-ORIENTED THAN TEACHERS (THEIR STATUS IS LESS THREATENED), AND COUNSELORS ARE LESS RIGID CONCERNING CONTROL THAN TEACHERS (THEIR STATUS IS NOT THREATENED). RELATED FINDINGS SHOW THAT EDUCATORS WITH MORE DOGMATIC ATTITUDES EMPHASIZE CONTROL WHILE LONG TIME TEACHERS ARE MORE CONTROL-ORIENTED THAN TEACHERS RECENTLY FINISHING PROFESSIONAL PREPARATION. THE CONTROL ORIENTATION OF PUBLIC SCHOOLS ARISES BECAUSE THEY SERVE UNSELECTED CLIENTS WHO ARE OFTEN UNWILLING AND UNRESPONSIVE. IF SCHOOLS ARE TO BE LESS CONTROL ORIENTED, THEY WILL HAVE TO BECOME INCREASINGLY ATTRACTIVE TO STUDENTS. THIS PAPER WAS PRESENTED IN THE WEST VIRGINIA UNIVERSITY SOCIAL SCIENCE COLLOQUIUM SERIES (MORGANTOWN, WEST VIRGINIA, DECEMBER 1967). (TT)

ED 020 566 24 **EA 001 360**
KOMOSKI, P. KENNETH
DEVELOPMENT OF A SYSTEM FOR AN EDUCATIONAL PRODUCTS INFORMATION EXCHANGE. FINAL REPORT.
EDUCATIONAL PRODUCTS INFORMATION EXCHANGE INST.
REPORT NUMBER BR-7-0274
PUB DATE 10 NOV 67
CONTRACT OEC-0-8-070274-0395
EDRS PRICE MF-$0.75 HC-$7.56 187P.
DESCRIPTORS— *CURRICULUM DEVELOPMENT, *EDUCATIONAL EQUIPMENT, *INFORMATION SERVICES, *INSTRUCTIONAL MATERIALS, *SYSTEMS DEVELOPMENT, COMPUTER ORIENTED PROGRAMS, DECISION MAKING, EPIE) EDUCATIONAL PRODUCTS INFORMATION, INFORMATION DISSEMINATION, INFORMATION RETRIEVAL, INFORMATION STORAGE, INTERVIEWS, QUESTIONNAIRES,
THIS STUDY WAS UNDERTAKEN TO DESIGN AN EASILY ACCESSIBLE NATIONWIDE SYSTEM FOR EXCHANGING DESCRIPTIVE, EVALUATIVE PRODUCT INFORMATION AMONG ALL SECTORS OF THE EDUCATIONAL COMMUNITY ON A COOPERATIVE COST-SHARING BASIS. THE FEASIBILITY OF SUCH A COLLECTION AND EXCHANGE OF DESCRIPTIVE AND EVALUATIVE INFORMATION ABOUT INSTRUCTIONAL MATERIALS SYSTEMS AND EQUIPMENT AMONG EDUCATIONAL PROFESSIONALS IS INVESTIGATED AS A SELECTION BASE FOR CURRICULUM USE OR DESIGN IMPROVEMENT. AMONG THE TOPICS DISCUSSED ARE DESCRIPTIONS OF (1) THE EXPERIMENTAL USE OF QUESTIONNAIRES AND INTERVIEW PROTOCOLS, (2) THE POSSIBLE TECHNIQUES FOR PEDAGOGICAL ANALYSIS OF MATERIALS, (3) A PRELIMINARY TRAINING SESSION FOR INFORMATION GATHERERS, (4) A PROPOSED FOUR-STATE TRIAL TO TEST T E EXCHANGE SYSTEM, (5) PRELIMINARY SYSTEMS DESIGNS FOR THE EXCHANGE, AND (6) THREE MODES OF SERVICE TO BE MADE AVAILABLE ON A COOPERATIVE COST-SHARING BASIS TO THE EDUCATIONAL COMMUNITY. THE STUDY YIELDS RESULTS WHICH INDICATE THAT COLLECTION, SYNTHESIS, AND DISSEMINATION OF EDUCATIONAL PRODUCT INFORMATION IS A FEASIBLE ACTIVITY. (HW)

ED 020 567 24 **EA 001 361**
FOERSTER, LLOYD C.
SOME EFFECTS OF DUAL ENROLLMENT UPON STUDENTS ENROLLED IN THE CHICAGO LUTHERAN SHARED TIME PROGRAM. FINAL REPORT.
CONCORDIA TEACHERS COLL., RIVER FOREST, ILL.
REPORT NUMBER BR-6-8444
PUB DATE JUL 67
CONTRACT OEC-3-7-068444-0409
EDRS PRICE MF-$0.25 HC-$1.56 37P.
DESCRIPTORS— *DUAL ENROLLMENT, *HIGH SCHOOLS, *PAROCHIAL SCHOOLS, *PUBLIC SCHOOLS, *STUDENT REACTION, ACADEMIC ACHIEVEMENT, COCURRICULAR ACTIVITIES, PRIVATE SCHOOLS, STATISTICAL ANALYSIS, STUDENT ATTITUDES, STUDENT SCHOOL RELATIONSHIP,
THIS STUDY EXPLORES THE EFFECTS OF DUAL ENROLLMENT UPON STUDENT SATISFACTION WITH STUDENT STATUS, STUDENT PARTICIPATION IN THE CO-CURRICULAR ACTIVITIES AT TAFT HIGH SCHOOL, AND STUDENT ACHIEVEMENT IN A SAMPLE OF 14 STUDENTS DUALLY ENROLLED AT TAFT HIGH SCHOOL AND LUTHER HIGH SCHOOL NORTH, CHICAGO, ILLINOIS, DURING THE SCHOOL YEAR 1966-67. DATA GATHERED BY INTERVIEW, SEMANTIC DIFFERENTIAL SCALE, SEVEN-POINT SCALE OF THE STUDENT'S OWN ASSESSMENT OF SATISFACTION-DISSATISFACTION, SEVEN-POINT SCALE OF THREE RATERS' INDEPENDENT ASSESSMENTS OF STUDENT SATISFACTION-DISSATISFACTION, ACHIEVEMENT TESTS, AND A CO-CURRICULAR PARTICIPATION SURVEY ARE SUBJECTED TO SEVERAL TYPES OF STATISTICAL ANALYSIS. THE ASSESSMENT OF SATISFACTION-DISSATISFACTION WAS FOUND TO BE A USEFUL MEASURE FOR INFERRING POSITIVE OR NEGATIVE EFFECTS OF DUAL ENROLLMENT UPON THE STUDENTS. EVIDENCE YIELDED BY THE STUDY IS FAVORABLE TO DUAL ENROLLMENT. THE VARIOUS DATA GATHERING DEVICES AND A BRIEF STATISTICAL INTERPRETATION APPEAR IN AN APPENDIX. (AUTHOR/TT)

ED 020 568 **EA 001 363**
TEACHER-BOARD AGREEMENTS CONCERNING CONDITIONS OF WORK.
CONNECTICUT SCHOOL DEVELOP. COUNCIL INC., HARTFORD
REPORT NUMBER R-BULL-29
PUB DATE APR 67
EDRS PRICE MF-$0.25 HC-$0.96 22P.
DESCRIPTORS— *BOARDS OF EDUCATION, *COLLECTIVE NEGOTIATION, *PERSONNEL POLICY, *TEACHERS, *TEACHING CONDITIONS, CONNECTICUT, FACULTY PROMOTION, FRINGE BENEFITS, GRIEVANCE PROCEDURES, INSERVICE TEACHER EDUCATION, NONINSTRUCTIONAL RESPONSIBILITY, STATE LAWS, TEACHER ASSOCIATIONS, TEACHER EVALUATION, TEACHER PLACEMENT, TEACHER RESPONSIBILITY, TEACHER SALARIES, TEACHER STRIKES, TEACHING LOAD,
THIS SURVEY REVIEWS THE CONDITIONS OF WORK FOUND IN VARIOUS TEACHER-BOARD AGREEMENTS IN CONNECTICUT TOWNS AND DESCRIBES THEM IN GENERAL TERMS. REASONS FOR NEGOTIATION AND GENERAL NEGOTIATION PROCEDURES ARE BRIEFLY COVERED WHILE THE CONDITIONS OF WORK AFFECTING THE DIFFICULTY OF THE TASK, TEACHER WELFARE AND PROFESSIONAL ADVANCEMENT ARE DISCUSSED IN MORE DETAIL. SEVERAL MISCELLANEOUS ITEMS OF AGREEMENT FOUND IN VARIOUS TEACHER-BOARD CONTRACTS ARE PRESENTED. (TT)

ED 020 569 **64** **EA 001 364**
DOWNEY, LOREN W.
PLANNED CHANGE--A SELECTED BIBLIOGRAPHY.
UNIVERSITY COUNCIL FOR EDUCATIONAL ADMINISTRATION
REPORT NUMBER BR-5-0993
PUB DATE 68
CONTRACT OEC-4-16-014
EDRS PRICE MF-$0.25 HC-$1.24 29P.
DESCRIPTORS— *BIBLIOGRAPHIES, *EDUCATIONAL CHANGE, *ORGANIZATIONAL CHANGE, *SCHOOLS, *SOCIAL ORGANIZATIONS, ADMINISTRATOR ROLE, BUREAUCRACY, EDUCATIONAL SOCIOLOGY, OBJECTIVES, ORGANIZATION, POWER STRUCTURE, ROLE THEORY, SOCIAL SYSTEMS, STUDENT ROLE, TEACHER BEHAVIOR, TEACHER ROLE,
THIS STARTER BIBLIOGRAPHY LISTS 154 BOOKS, ARTICLES, AND MONOGRAPHS PUBLISHED BETWEEN 1932 AND 1968 IN THE SUBJECT AREA BROADLY DESIGNATED AS "-PLANNED CHANGE." EMPHASIS IS ON THE SCHOOL AS A SOCIAL ORGANIZATION AND THE CONTRIBUTION OF SOCIOLOGICAL THOUGHT IN AFFECTING ORGANIZATIONAL CHANGE. SCHEMATIC FIGURES ARE INCLUDED TO CLARIFY ORGANIZATION OF THE MATERIAL AND TO PROVIDE GUIDELINES FOR FURTHER DEVELOPMENT OF THE SUBJECT AREA. (TT)

ED 020 570 **EA 001 365**
CAWELTI, GORDON
NEW DIRECTIONS IN INSTRUCTIONAL PRACTICES.
IOWA UNIV., IOWA CITY, IOWA CTR. FOR RES. SCH.ADM.
REPORT NUMBER SR-54
PUB DATE JAN 68
EDRS PRICE MF-$0.25 HC-$0.60 13P.
DESCRIPTORS— *HIGH SCHOOLS, *INSTRUCTIONAL INNOVATION, *TEACHING PROCEDURES, ADMINISTRATOR ROLE, CITY SCHOOLS, DIFFUSION, EXPENDITURE PER STUDENT, HIGH SCHOOL CURRICULUM, INDIVIDUALIZED PROGRAMS, LEARNING MOTIVATION, PAROCHIAL SCHOOLS, PRIVATE SCHOOLS, PUBLIC SCHOOLS, RURAL SCHOOLS, STUDENT ATTITUDES, SUBURBAN SCHOOLS, TEACHING CONDITIONS,
BECAUSE THE LAST DECADE HAS BEEN A PERIOD OF MORE INTENSE EDUCATIONAL INNOVATION THAN ANY PREVIOUS PERIOD IN HISTORY, A NATIONAL STUDY WAS MADE TO DETERMINE HOW SECONDARY SCHOOLS HAVE CHANGED. A QUESTIONNAIRE WAS DISTRIBUTED TO 10,266 REGIONALLY ACCREDITED HIGH SCHOOLS IN THE UNITED STATES, AND 7,400 RESPONSES WERE RECEIVED. THE SAMPLE POPULATION INCLUDED 85.5 PERCENT PUBLIC, 4.2 PERCENT PAROCHIAL, 6.5 PERCENT PRIVATE RELIGIOUS, 2.8 PERCENT PRIVATE NONRELIGIOUS, AND 0.7 PERCENT GOVERNMENT AND OTHER SCHOOLS. THE RESULTS OF THE STUDY ARE PRESENTED AS TABLES CATALOGING THE MAJOR INNOVATIONS BY PERCENTAGE OF SCHOOLS WHICH ADOPTED THE INNOVATIONS, STATE, ENROLLMENT, EXPENDITURE, TYPE OF SUPPORT, AND AREA SERVED. BRIEF ATTENTION IS GIVEN TO THE ABANDONMENT OF INNOVATIONS, AND INTERPRETATION OF THE DATA IS PROVIDED. THE AREAS FOUND TO BE OF MOST SERIOUS CONCERN IN INNOVATION--(1) ATTITUDES TOWARD LEARNING, (2) STAFF DEPLOYMENT, (3) FOCUS ON THE INDIVIDUAL, AND (4) MEANS OF MAKING LEARNING INTERESTING AND AUTHENTIC--ARE DISCUSSED. SOME ATTENTION IS GIVEN TO THE SPEED WITH WHICH INNOVATIONS ARE DIFFUSED AND TO THE ROLE OF ADMINISTRATORS AS AGENTS OF CHANGE. (TT)

ED 020 571 **24** **EA 001 368**
RULIFFSON, WILLARD ADAMS
AN ANALYSIS OF THE RATIONALE AND PROCEDURES FOR LONG-RANGE PLANNING -- FOUND IN SELECTED CORPORATE ENTERPRISES, GOVERNMENT AGENCIES OR DEPARTMENTS, AND SCHOOL SYSTEMS--WHICH ARE APPROPRIATE FOR EDUCATIONAL AND ADMINISTRATIVE PLANNING IN LOCAL SCHOOL SYSTEMS.
COLUMBIA UNIV., NEW YORK, TEACHERS COLLEGE
REPORT NUMBER BR-6-8317
PUB DATE 1 JAN 68
GRANT OEG-1-6-068317-1298
EDRS PRICE MF-$0.50 HC-$4.04 99P.
DESCRIPTORS— *EDUCATIONAL PLANNING, *EDUCATIONAL TRENDS, *PERSONNEL NEEDS, *PLANNING, *SCHOOL SYSTEMS, ADMINISTRATOR ROLE, BIBLIOGRAPHIES, BUSINESS, EDUCATIONAL INNOVATION, EDUCATIONAL PROBLEMS, FINANCIAL NEEDS, GOVERNMENT (ADMINISTRATIVE BODY), LITERATURE REVIEWS, QUESTIONNAIRES, SOCIAL FACTORS, STATISTICAL ANALYSIS,
THIS STUDY REVIEWS SOME OF THE CURRENT PLANNING PRACTICES IN SCHOOL SYSTEMS WHICH ARE CONSIDERED TO BE ALREADY INVOLVED IN LONG-RANGE PLANNING, AND DESCRIBES FURTHER LONG-RANGE TECHNIQUES WHICH COULD BE ADAPTED FOR SCHOOL SYSTEMS FROM CURRENT CORPORATE AND GOVERNMENTAL PLANNING PROCEDURES. INDIVIDUAL INTERVIEWS WERE CONDUCTED WITH SELECTED MANAGEMENT (OR ADMINISTRATIVE) PERSONNEL IN CORPORATIONS, GOVERNMENT, AND SCHOOL SYSTEMS TO IDENTIFY THE SPECIFIC ELEMENTS OF A PLANNING PROGRAM APPROPRIATE FOR SCHOOL SYSTEMS. IN ADDITION, QUESTIONNAIRE RESPONSES FROM APPROXIMATELY 200 SCHOOL SYSTEMS WERE TABULATED, CATEGORIZED, AND ANALYZED. THE INTERVIEW INFORMATION WAS COMPARED WITH DATA FROM THE OTHER SOURCES AND SYNTHESIZED AS A BASIS FOR DESCRIBING A PROCESS OF LONG-RANGE PLANNING. RESULTS INDICATE THE NECESSITY FOR ORGANIZED LONG-RANGE PLANNING EFFORTS. NEITHER SYSTEMATIC LONG-RANGE PLANNING NOR A FORMALIZED STRUCTURE FOR INSURING AN EFFECTIVE PLANNING EFFORT ARE FOUND IN MOST SCHOOL SYSTEMS TODAY, BUT THERE IS A WILLINGNESS EVIDENT AMONG SCHOOL LEADERS TO SEEK MORE IMAGINATIVE APPROACHES TO PLANNING. FUTURE STUDIES AND PRACTICAL EXPERIMENTATION IN COOPERATIVE INTERACTION BETWEEN SCHOOLS AND CORPORATE AND GOVERNMENT ENTERPRISES ARE WARRANTED. (HW)

ED 020 572 **24** **EA 001 369**
JACOBSON, MYRTLE S.
A STUDY IN ORGANIZATIONAL INTERACTION BETWEEN AN EVENING COLLEGE AND ITS PARENT INSTITUTION. FINAL REPORT.
NEW SCHOOL FOR SOCIAL RESEARCH, NEW YORK, N.Y.
REPORT NUMBER BR-6-8725
PUB DATE 15 JAN 68
CONTRACT OEC-1-7-008725-2005
EDRS PRICE MF-$0.25 HC-$1.84 44P.
DESCRIPTORS— *COLLEGES, *EVENING COLLEGES, *ORGANIZATION, *POWER STRUCTURE, *RELATIONSHIP, BROOKLYN COLLEGE, COLLEGE ADMINISTRATION, EDUCATIONAL INNOVATION, EDUCATIONAL OBJECTIVES, RESOURCE UTILIZATION,
THIS STUDY IN ORGANIZATIONAL INTERACTION ANALYZES THE STRUCTURAL TIES AND INTERACTIVE RELATIONSHIPS OF AN EDUCATIONAL SUB-ORGANIZATION (EVENING DEGREE PROGRAM) AND ITS PARENT COLLEGIATE INSTITUTION (BROOKLYN COLLEGE). AN EXAMINATION OF OFFICIAL DOCUMENTS, CORRESPONDENCE, POLICY STATEMENTS, AND MANY INTERVIEWS, QUESTIONNAIRE SURVEYS, AND STATISTICAL ANALYSES REVEALED THE FOLLOWING GENERALIZATIONS--(1) ONCE THE SUB-ORGANIZATION IS GIVEN LIFE, IT STRIVES FOR GROWTH AND DEVELOPMENT IN ITS OWN TERMS WITHIN ITS OWN VALUE SYSTEM, BUT THE FORMAL ARRANGEMENTS ARE SUCH THAT IT CONSTANTLY HAS TO FACE THE CONTROLLING RESTRAINTS OF THE PARENT THAT GAVE IT VITALITY, (2) WHAT THE SUB-ORGANIZATION IS, WHAT IT HOPES TO BECOME, AND WHAT IT DOES BECOME ARE STRONGLY CONDITIONED BY THE ORGANIZATIONAL MILIEU IN WHICH IT EXISTS AND OPERATES, AND (3) THE SUB-ORGANIZATION, BY VIRTUE OF ITS QUEST FOR SEPARATE IDENTITY, SEEKS THE FREEDOM TO FORMULATE ITS OWN GOALS AND TO IMPLEMENT MEASURES UNDER CONDITIONS OF COORDINATED CONTROL. POLAR FORCES OF FREEDOM AND RESTRAINT ARE THUS IN A STATE OF TENSION, AND IT IS OUT OF THIS THAT THE INTERACTIVE PROCESS MUST OPERATE. (HW)

ED 020 573 **EA 001 370**
BOLVIN, JOHN O.
EVALUATING TEACHER FUNCTIONS.
PITTSBURGH UNIV., PA., LEARNING RES. AND DEV. CTR.
REPORT NUMBER WP-17
PUB DATE FEB 67
CONTRACT OEC-3-16-043
EDRS PRICE MF-$0.25 HC-$0.76 17P.
DESCRIPTORS— *INDIVIDUAL INSTRUCTION, *INDIVIDUALIZED PROGRAMS, *LESSON PLANS, *TEACHER EVALUATION, *TEACHER ROLE, ACHIEVEMENT, ELEMENTARY SCHOOL MATHEMATICS, INSTRUCTIONAL IMPROVEMENT, IPI INDIVIDUALLY PRESCRIBED INSTRUCTION, POST TESTING, PRETESTING, STUDENT EVALUATION, TABLES (DATA), TEACHER IMPROVEMENT,
-A CRUCIAL ASPECT OF TEACHER ACTIVITY UNDER INDIVIDUALLY PRESCRIBED INSTRUCTION (IPI) IN MATHEMATICS IS THE DEVELOPMENT OF INDIVIDUALIZED LESSON PLANS OR PRESCRIPTIONS. THE QUALITY OF THESE PRESCRIPTIONS IS A MAJOR DETERMINANT OF THE EXTENT TO WHICH INSTRUCTION IS ACTUALLY INDIVIDUALIZED AND THE EXTENT TO WHICH EACH PUPIL IS PERMITTED TO PROGRESS AT HIS OWN BEST PACE. THE EVALUATION OF TEACHER PERFORMANCE BASED ON A MODEL OF PRESCRIPTION WRITING SHOWS THAT INDIVIDUAL PRESCRIPTIONS VARY AMONG CHILDREN, THAT EACH TEACHER HAS DEVELOPED A PERSONAL STYLE, AND THAT MOST TEACHERS RELY ALMOST EXCLUSIVELY ON PRE-UNIT TESTS. THE RESULTS OF THE STUDY SHOW THAT IMPROVEMENT OF IPI REQUIRES TEACHERS TO HAVE (1) CURRENT, EASILY AVAILABLE, AND COMPREHENSIVE INFORMATION ABOUT EACH STUDENT, (2) A GREATER VARIETY OF ASSIGNABLE MATERIALS, (3) SPECIFIC DEFINITIONS OF THE TERMS "MASTERY" AND "SELF-DIRECTION" IN

RELATION TO OPERATING PROCEDURES, AND (4) A RATIONALE BEHIND VARIATIONS IN PRESCRIPTIONS WHICH CLOSELY FOLLOWS EACH CHILD'S LEARNING NEEDS. A RELATED DOCUMENT IS ED 010 210. THIS PAPER WAS PRESENTED AT THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION MEETINGS (WASHINGTON, D.C., FEBRUARY 16-18, 1967). (TT)

ED 020 574 24 EA 001 373

WEINBERG, CARL AND OTHERS

CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.

CALIFORNIA UNIV., LOS ANGELES
REPORT NUMBER BR-5-0340
COLUMBIA UNIV., NEW YORK
DELAWARE UNIV., NEWARK
PUB DATE JAN 68
CONTRACT OEC-5-10-170
EDRS PRICE MF-$0.50 HC-$4.92 121P.

DESCRIPTORS— *PERSONALITY, *PUBLIC SCHOOLS, *SCHOOL ORGANIZATION, *TEACHER ALIENATION, *TEACHER ROLE, DELAWARE, ELEMENTARY SCHOOL TEACHERS, QUESTIONNAIRES, SECONDARY SCHOOL TEACHERS, STATISTICAL ANALYSIS, STUDENT ROLE, TEACHER BEHAVIOR, TEACHER CHARACTERISTICS,

A STUDY WAS MADE IN 18 ELEMENTARY AND SECONDARY DELAWARE SCHOOLS TO INVESTIGATE THE SEPARATE AND INTERACTIVE EFFECTS OF ROLES, ORGANIZATIONS, AND PERSONALITIES ON THE ALIENATION OF TEACHERS. PERSONALITY WAS DESIGNATED AS ABSTRACT AND CONCRETE. ROLES WERE DESIGNATED AS AUTHORITARIAN-RITUALISTIC, INSTRUMENTAL, RITUALISTIC-GRATIFICATORY, AND GUIDANCE. ORGANIZATIONS WERE CLASSIFIED AS THREE R'S, OCCUPATIONAL, GROUP LOCOMOTION, AND INDIVIDUAL-DEVELOPMENT. ALL DATA WERE COLLECTED THROUGH QUESTIONNAIRES ADMINISTERED TO ADMINISTRATORS, STAFF, AND STUDENTS. IT WAS DISCOVERED THAT NO SPECIFIC TYPE OF PERSONALITY, ROLE, OR ORGANIZATION WAS CONSISTENTLY ASSOCIATED WITH ALIENATION. AN INSTRUMENTAL ROLE IS LIKELY TO INCREASE ALIENATION, AND AN INDIVIDUAL-DEVELOPMENT SCHOOL IS LIKELY TO DECREASE ALIENATION IN INTERACTION WITH OTHER FACETS. CERTAIN INTERACTION PATTERNS EMERGE AS MOST PREDICTIVE OF ALIENATION EFFECTS. AT TIMES, ONE TYPE OF ROLE CAN HAVE LITTLE ASSOCIATION WITH ALIENATION, BUT GIVEN AN INTERACTION WITH A CERTAIN TYPE OF SCHOOL, AN EFFECT BEGINS TO APPEAR. THE MAJOR FINDING OF THE STUDY IS THAT ROLES, PERSONALITIES, AND ORGANIZATIONS WHICH LEAN TOWARD A STUDENT FOCUS ARE LESS ALIENATION-RELATED THAN SCHOOLS WHICH CONTAIN PERSONALITY, ROLE, AND ORGANIZATION DEMANDS FOR EMPHASIS ON CONTENT. (HW)

ED 020 575 56 EA 001 374

JOYCE, BRUCE R.

EXPLORATION OF THE UTILIZATION OF PERSONNEL IN THE SUPERVISION OF STUDENT TEACHERS WHEN FEEDBACK VIA FILMS AND SYSTEMS FOR THE ANALYSIS OF TEACHING ARE INTRODUCED INTO THE STUDENT TEACHING PROGRAM. FINAL REPORT.

COLUMBIA UNIV., NEW YORK, TEACHERS COLLEGE
REPORT NUMBER BR-5-1079
PUB DATE 1 AUG 67
GRANT OEG-1-6-051079-0808
EDRS PRICE MF-$0.50 HC-$4.80 118P.

DESCRIPTORS— *AUDIOVISUAL AIDS, *COLLEGE SUPERVISORS, *FEEDBACK, *STUDENT TEACHERS, *TEACHER EDUCATION, COOPERATING TEACHERS, ELEMENTARY SCHOOL TEACHERS, FILMS, MEDIA RESEARCH, PRESERVICE EDUCATION, SCHOOL VISITATION, STAFF UTILIZATION, TAPE RECORDINGS, TEACHER BEHAVIOR, TEACHER EVALUATION, TELEVISION,

AN INTEGRATED FEEDBACK SYSTEM DESIGNED TO ENABLE STUDENT TEACHERS TO ANALYZE THEIR TEACHING, SET GOALS FOR IMPROVEMENT, AND MONITOR THEIR OWN PROGRESS WAS INSTITUTED IN THE TEACHERS COLLEGE, COLUMBIA UNIVERSITY. ELEMENTS OF THE FEEDBACK SYSTEM INCLUDED THE USE OF A SYSTEM FOR BEHAVIORAL ANALYSIS OF TEACHING AND THE USE OF FILMS AND AUDIO AND TELEVISION TAPES OF TEACHING BY THE STUDENT TEACHERS. FACULTY BEHAVIOR AS WELL AS FEEDBACK ROLES OF STUDENTS AND COOPERATING TEACHERS WERE ANALYZED. CONCLUSIONS WITH RESPECT TO STAFF UTILIZATION SUGGEST THAT SUPERVISORS NEED EXTENSIVE TRAINING FOR FEEDBACK ROLES, THAT STUDENTS AND COOPERATING TEACHERS CAN LEAD FEEDBACK SESSIONS WITHOUT NEGATIVE EFFECTS ON CONTENT, THAT THE USE OF A FEEDBACK SYSTEM CAN BEGIN EARLY IN THE TEACHER TRAINING PROGRAM IF IT IS CAREFULLY MONITORED, AND THAT THERE IS A TENDENCY FOR STUDENTS, COOPERATING TEACHERS, AND SUPERVISORS TO DISCUSS HYPOTHETICAL SITUATIONS RATHER THAN THE FILMED OR TAPED TEACHING EPISODES. ANALYSIS OF THE PROGRAM LEADS TO RECOMMENDATIONS THAT (1) INTEGRATED FEEDBACK SYSTEMS INCLUDE PROMINENT FEEDBACK ROLES FOR STUDENTS AND COOPERATING TEACHERS, AND (2) THAT EXPECTATIONS AND ROLES OF FACULTY MEMBERS, COOPERATING TEACHERS, AND STUDENTS BE CAREFULLY DEFINED. (TT)

ED 020 576 EA 001 375

CASTETTER, WILLIAM B. BURCHELL, HELEN R.

EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION.

PENNSYLVANIA UNIV., PHILADELPHIA,EDUC.RES./SVC.BU R
PUB DATE 67
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ADMINISTRATOR ROLE, *EDUCATIONAL ADMINISTRATION, *EDUCATIONAL OBJECTIVES, *EDUCATIONAL PLANNING, *INSTRUCTIONAL IMPROVEMENT, ADMINISTRATIVE PERSONNEL, LEADERSHIP STYLES, ORGANIZATION, PERSONNEL NEEDS, PRINCIPALS, PROGRAM EVALUATION, RESOURCE ALLOCATIONS, SCHOOL SUPERINTENDENTS, STAFF UTILIZATION, TEACHER ADMINISTRATOR RELATIONSHIP,

SOCIAL AND TECHNOLOGICAL CHANGES HAVE ALTERED SOCIETY'S PERCEPTIONS OF ITS EDUCATIONAL NEEDS WHICH, IN TURN, HAS CREATED SUPPORT FOR IMPROVING THE QUALITY OF EDUCATIONAL PROGRAMS IN LOCAL SCHOOL SYSTEMS. THIS REPORT FOCUSES UPON THE RELATIONSHIP BETWEEN EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION. CONSIDERABLE ATTENTION IS DEVOTED TO ELIMINATION OF THE LAG BETWEEN THE NEEDS OF MODERN SOCIETY AND SCHOOL CURRICULA. SOME OF THE SIGNIFICANT ADMINISTRATOR ACTIVITIES WHICH DEVELOP AN EDUCATIONAL PROGRAM DEALING EFFECTIVELY WITH (1) WHAT SCHOOLS SHOULD ACCOMPLISH, (2) WHAT EXPERIENCES SHOULD BE PROVIDED AND IN WHAT SEQUENCE THEY SHOULD BE ARRANGED, (3) WHAT FACILITIES, METHODS, AND MATERIALS SHOULD BE USED IN THE INSTRUCTIONAL PROCESS, AND (4) HOW SCHOOLS SHOULD BE STAFFED ARE EXAMINED. THIS DOCUMENT IS AVAILABLE FROM THE INTERSTATE PRINTERS AND PUBLISHERS, INC., DANVILLE, ILLINOIS 61832, FOR $2.00. (TT)

ED 020 577 EA 001 377

HOLEMON, RICHARD L.

EDUCATIONAL ADMINISTRATOR TRAINING FOR THE MULTI-CULTURAL COMMUNITY. FINAL REPORT FOR THE NATIONAL INSTITUTE OF MENTAL HEALTH.

NEW MEXICO UNIV., ALBUQUERQUE, COLL. OF EDUCATION
PUB DATE FEB 68
EDRS PRICE MF-$0.50 HC-$4.12 101P.

DESCRIPTORS— *ADMINISTRATIVE PERSONNEL, *BEHAVIORAL SCIENCES, *CHANGE AGENTS, *CULTURAL PLURALISM, *PROFESSIONAL TRAINING, AMERICAN INDIANS, ANGLO AMERICANS, COMMUNITY CHARACTERISTICS, EDUCATIONAL CHANGE, FIELD EXPERIENCE PROGRAMS, GROUP DYNAMICS, INTERNSHIP PROGRAMS, NEW MEXICO, NIMH)NAT.INST.MENTAL HEALTH, ORGANIZATIONAL CLIMATE, PILOT PROJECTS, RESEARCH METHODOLOGY, SENSITIVITY TRAINING, SOCIAL CHANGE, SPANISH AMERICANS, SUBCULTURE,

A THREE-YEAR PILOT PROJECT (1964-1967) WAS CONDUCTED TO DEVELOP AN EFFECTIVE PROGRAM FOR THE TRAINING OF EDUCATIONAL ADMINISTRATORS WHO COULD SERVE AS AGENTS OF CONSTRUCTIVE EDUCATIONAL CHANGE IN COMMUNITIES WITH SIZEABLE PROPORTIONS OF SPANISH- AND INDIAN- AS WELL AS ANGLO-AMERICAN MEMBERS. SPECIAL ASPECTS OF THE PROGRAM INCLUDED--(1) CONTRIBUTIONS FROM THE BEHAVIORAL SCIENCES (WITH PARTICIPATION IN THE TRAINING PROGRAM BY FACULTY MEMBERS OF THE UNIVERSITY'S SOCIAL SCIENCE DEPARTMENTS), (2) GROUP TRAINING, (3) RESEARCH ORIENTATION, (4) SPECIAL TRAINING IN THE PROBLEMS OF A MULTI-CULTURAL ENVIRONMENT, (5) INTERNSHIP AND FIELD EXPERIENCES, (6) THE ROLE OF EDUCATION IN THE TOTAL PROCESS OF COMMUNITY DEVELOPMENT, AND (7) THE EDUCATIONAL ADMINISTRATOR AS AN AGENT OF SOCIAL, POLITICAL, AND ECONOMIC CHANGE. PARTICULAR STRENGTHS AND WEAKNESSES OF THE PROGRAM ARE OUTLINED, AND TECHNIQUES AND CRITERIA FOLLOWED IN THE SELECTION OF 17 TRAINEES FOR THE NIMH PROGRAM ARE DESCRIBED. AS A RESULT OF THE STUDY, THE PROGRAM IN EDUCATIONAL ADMINISTRATION TRAINING AT THE UNIVERSITY OF NEW MEXICO HAS BEEN REDESIGNED TO INCORPORATE POSITIVE FEATURES OF THE PILOT PROJECT. (JK)

ED 020 578 EA 001 378

SETTING THE STAGE FOR LENGTHENED SCHOOL YEAR PROGRAMS--A SPECIAL REPORT PREPARED FOR THE GOVERNOR AND THE LEGISLATURE OF THE STATE OF NEW YORK.

NEW YORK STATE EDUCATION DEPT., ALBANY
PUB DATE MAR 68
EDRS PRICE MF-$0.50 HC-$4.84 119P.

DESCRIPTORS— *COSTS, *EXPERIMENTAL PROGRAMS, *EXTENDED SCHOOL YEAR, *SCHOOL ORGANIZATION, *SCHOOL SCHEDULES, ACADEMIC ACHIEVEMENT, CURRICULUM DEVELOPMENT, EDUCATIONAL IMPROVEMENT, NEW YORK, PARENT REACTION, QUARTER SYSTEM, SPACE UTILIZATION, STAFF UTILIZATION, STUDENT REACTION, SUMMER SCHOOLS, TEACHER ATTITUDES, TRIMESTER SCHEDULES, YEAR ROUND SCHOOLS,

THIS REPORT TO THE NEW YORK LEGISLATURE DESCRIBES SEVERAL EXTENDED SCHOOL YEAR DESIGNS WHICH HAVE BEEN CREATED TO HELP ATTAIN THE GOALS OF ECONOMY AND INCREASED EDUCATIONAL OPPORTUNITY--(1) THE CONTINUOUS PROGRESS DESIGN, (2) THE MODIFIED SUMMER SCHOOL, (3) THE TRIMESTER DESIGN, (4) THE QUADRIMESTER DESIGN, (5) THE EXTENDED K TO 12 PLAN, AND (6) THE MULTIPLE TRAILS PLAN. THE REPORT SUPPLEMENTS EARLIER PUBLICATIONS AND PRESENTS SPECIFIC FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS WHICH MAY BECOME THE BASIS FOR NEW EXTENDED SCHOOL YEAR PROGRAMS. EA 001 444 IS A RELATED DOCUMENT. (TT)

ED 020 579 EA 001 423

MARQUIT, LAWRENCE J.

PERCEPTIONS OF THE SUPERVISORY BEHAVIOR OF SECONDARY SCHOOL PRINCIPALS.

PUB DATE 7 FEB 68
EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS— *PRINCIPALS, *SECONDARY SCHOOL TEACHERS, *SECONDARY SCHOOLS,

*SUPERVISION, *TEACHER ADMINISTRATOR RELATIONSHIP, ADMINISTRATOR ROLE, CURRICULUM DEVELOPMENT, EVALUATION, HYPOTHESIS TESTING, INSERVICE EDUCATION, INSTRUCTIONAL IMPROVEMENT, INSTRUCTIONAL PROGRAMS, PEARSON PRODUCT MOMENT CORRELATION, PERCEPTION, QUESTIONNAIRES, SCHOOL COMMUNITY RELATIONSHIP, SPECIAL SERVICES, STAFF ORIENTATION, STATISTICAL ANALYSIS,

TO DETERMINE HOW SECONDARY SCHOOL TEACHERS AND PRINCIPALS PERCEIVED SUPERVISORY STIMULI, A 36-ITEM QUESTIONNAIRE WAS ADMINISTERED IN 15 THREE- AND FOUR-YEAR SECONDARY SCHOOLS IN NEW YORK STATE, REPRESENTING A STRATIFIED RANDOM SAMPLE ACCORDING TO STUDENT POPULATION, GEOGRAPHIC LOCATION, AND STATUS AS A CITY OR VILLAGE SCHOOL DISTRICT. RESPONDENTS INCLUDED FIVE PRINCIPALS AND 165 TEACHERS OF VILLAGE SCHOOLS AND 10 PRINCIPALS AND 531 TEACHERS OF CITY SCHOOLS. THE SUPERVISORY PROGRAM WAS DEFINED AS THE COLLECTIVE BEHAVIOR WHICH THE PRINCIPAL EXHIBITS TO ACHIEVE INSTRUCTIONAL IMPROVEMENT. PERCEPTIONS OF PRINCIPALS AND TEACHERS WERE MEASURED ON AN ASCENDING FIVE-POINT SCALE FOR NINE CATEGORIES OF SUPERVISORY TASKS–CURRICULUM DEVELOPMENT, INSTRUCTIONAL ORGANIZATION, STAFFING, PROVISION OF INSTRUCTIONAL AIDS, ORIENTATION OF NEW INSTRUCTIONAL STAFF, INSERVICE EDUCATION AND PROFESSIONAL GROWTH, COORDINATION OF SPECIAL SERVICES, DEVELOPMENT OF SCHOOL-COMMUNITY RELATIONS, AND EVALUATION. ANALYSIS OF THE DATA SHOWED THAT PRINCIPALS SCORED THEMSELVES SIGNIFICANTLY AND CONSISTENTLY HIGHER THAN DID TEACHERS ON EFFECTIVENESS IN SUPERVISION, THAT OLDER TEACHERS TENDED TO REGARD PRINCIPALS AS MORE EFFECTIVE SUPERVISORS THAN YOUNGER TEACHERS, THAT TEACHERS IN LARGER SCHOOLS AND WITH MORE TRAINING REGARDED PRINCIPALS AS MORE EFFECTIVE SUPERVISORS, AND THAT PRINCIPALS WERE RATED HIGHER BY MALE THAN BY FEMALE TEACHERS AS PROVIDING SUPERVISORY STIMULI. THIS PAPER WAS PRESENTED AT THE ANNUAL MEETING OF THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION, (CHICAGO, ILLINOIS, FEBRUARY 7-10, 1968). (JK)

ED 020 580 EA 001 424

COOK, DESMOND L.

REFERENCES ON NETWORK PLANNING IN EDUCATION, RESEARCH MANAGEMENT, PROJECT SELECTION, AND PROGRAM MANAGEMENT. (TITLE SUPPLIED).

OHIO STATE UNIV., COLUMBUS, EDUC. RES. MANAGE.CTR.

PUB DATE 7 SEP 66

EDRS PRICE MF-$0.25 HC-$0.44 9P.

DESCRIPTORS— *BIBLIOGRAPHIES, *CRITICAL PATH METHOD, *EDUCATIONAL PLANNING, *EDUCATIONAL RESEARCH, *NETWORKS, DECISION MAKING, INFORMATION SYSTEMS, MANAGEMENT, MANAGEMENT DEVELOPMENT, MANAGEMENT GAMES, OPERATIONS RESEARCH, PROGRAM DEVELOPMENT, PROJECT TRAINING METHODS, RESEARCH AND DEVELOPMENT CENTERS, SCHOOL CONSTRUCTION, SYSTEMS ANALYSIS,

THIS BIBLIOGRAPHIC LISTING OF 109 RELATED ADDRESSES, ARTICLES, BOOKS, MICROFILMS, MONOGRAPHS, REPORTS, AND OTHER ITEMS, PUBLISHED BETWEEN 1959 AND 1968, INCLUDES 39 ITEMS ON NETWORK PLANNING, 48 ITEMS ON RESEARCH MANAGEMENT, 13 ITEMS ON PROJECT SELECTION, AND NINE ITEMS ON PROGRAM MANAGEMENT. (JK)

ED 020 581 EA 001 426

TALMAGE, HARRIET

AN EXPERIMENTAL STUDY IN CURRICULUM ENGINEERING.

PUB DATE 8 FEB 68

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *CURRICULUM DEVELOPMENT, *EDUCATIONAL EXPERIMENTS, *INPUT OUTPUT ANALYSIS, *SYSTEMS APPROACH, CONCEPT FORMATION, CURRICULUM EVALUATION, DECISION MAKING, GROUP BEHAVIOR, HYPOTHESIS TESTING, INSERVICE PROGRAMS, INTERACTION PROCESS ANALYSIS,

TO TEST THE APPLICATION OF THE GENERAL SYSTEMS APPROACH IN CURRICULUM DEVELOPMENT, A PROBLEM WAS PROPOSED IDENTIFYING THE PHENOMENA AND CONTINGENT VARIABLES OF THE CURRICULUM SYSTEM WITHIN THE INPUT-OUTPUT FRAMEWORK. WITH TEACHERS, SCHOOL ADMINISTRATORS, AND GRADUATE STUDENTS OF EDUCATION AS VOLUNTEER PARTICIPANTS, TWO EXPERIMENTAL GROUPS GIVEN INSERVICE TRAINING AND ONE CONTROL GROUP WITHOUT INSERVICE TRAINING YIELDED DATA PRIMARILY BY EVALUATION OF WRITTEN CURRICULA, VERBAL CONTENT ANALYSIS, AND INTERACTION PROCESS ANALYSIS. FINDINGS GENERALLY SUPPORTED THE EXPERIMENT'S MAIN HYPOTHESIS THAT INITIAL CURRICULUM ENGINEERING DECISIONS ON SELECTED DATA WILL SIGNIFICANTLY FACILITATE GROUP DECISIONMAKING IN CURRICULUM DEVELOPMENT. THIS PAPER WAS PRESENTED AT THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION CONFERENCE (CHICAGO, ILLINOIS, FEBRUARY 8-10, 1968). (JK)

ED 020 582 88 EA 001 427

INNOVATIVE PROGRAM IN JUNIOR HIGH SCHOOL GENERAL MUSIC AND LISTENING IN THE CLASSROOM.

WABASH VALLEY SUPPLEMENTARY EDUCATION CENTER

REPORT NUMBER DPSC-66-451

EDRS PRICE MF-$0.25 HC-$0.76 17P.

DESCRIPTORS— *INSTRUCTIONAL INNOVATION, *JUNIOR HIGH SCHOOLS, *LISTENING SKILLS, *MUSIC EDUCATION, *PROGRAM DEVELOPMENT,

THIS PAPER TRACES THE DEVELOPMENT OF A JUNIOR HIGH SCHOOL MUSIC PROGRAM DESIGNED TO ENRICH JUNIOR HIGH SCHOOL GENERAL MUSIC THROUGH A POSITIVE ATTACK ON THE LISTENING HABITS OF JUNIOR HIGH SCHOOL STUDENTS. THE PROGRAM, DEVELOPED BY MUSIC TEACHERS AND CONSULTANTS, UTILIZED LIVE ORCHESTRA AND STRING QUARTET PERFORMANCES TO INTENSIFY THE LISTENING EXPERIENCE. THE FOLLOWING GUIDES WERE USED IN DEVELOPING THE PROGRAM–(1) GENERAL MUSIC, BEING GENERAL EDUCATION, MUST BE DESIGNED FOR ALL SEVENTH AND EIGHTH GRADE STUDENTS, (2) THE VEHICLES FOR THE EXPERIMENTAL PROJECT MUST BE FLEXIBLE AND ADAPTABLE FOR BOTH PERFORMING AND NONPERFORMING STUDENT, (3) GENERAL MUSIC MUST ALWAYS EMPHASIZE THE NEEDS OF THE POTENTIAL LISTENER, (4) GENERAL MUSIC FOR JUNIOR HIGH STUDENTS MUST BE STUDIES IN BREADTH RATHER THAN DEPTH, (5) MUSIC SAMPLED MUST RANGE FROM 1700 TO THE PRESENT, AND (6) THE QUARTET SHOULD USE ORIGINAL WORKS WHENEVER POSSIBLE. (HW)

ED 020 583 EA 001 428

NORTH, ROBERT D. AND OTHERS

NEW YORK CITY BOARD OF EDUCATION-FORD FOUNDATION CORRELATED CURRICULUM PROJECT, 1966-67. PILOT EVALUATION REPORT.

THE PSYCHOLOGICAL CORP., NEW YORK, N.Y.

PUB DATE SEP 67

EDRS PRICE MF-$0.50 HC-$4.88 120P.

DESCRIPTORS— *CURRICULUM DEVELOPMENT, *HIGH SCHOOL STUDENTS, *STUDENT ADJUSTMENT, *STUDENT IMPROVEMENT, *VOCATIONAL EDUCATION, GRADE 10, GRADE 9, GUIDANCE COUNSELING, SLOW LEARNERS, STUDENT ATTITUDES, STUDENT CHARACTERISTICS, TEACHER ATTITUDES, TEACHING SKILLS, TEAM TEACHING,

A PILOT EVALUATION OF THE NEW YORK CITY BOARD OF EDUCATION-FORD FOUNDATION CORRELATED CURRICULUM PROJECT FOR THE 1966-67 SCHOOL YEAR WAS CONDUCTED TO SEEK THE OBJECTIVES OF ACADEMIC UPGRADING, IMPROVEMENTS IN STUDENTS' ADJUSTMENT TO SCHOOL, AND PREPARATION FOR APPROPRIATE VOCATIONAL OPPORTUNITIES. FIVE HIGH SCHOOLS, ONE IN EACH BOROUGH, PARTICIPATED IN THE PROJECT DURING THE 1966-67 SCHOOL YEAR, ENROLLING A TOTAL OF 386 NINTH AND TENTH GRADE STUDENTS FOR THIS SPECIAL CURRICULUM. OF THESE STUDENTS, 280 WERE EXPOSED TO THE PROJECT FOR THE FULL SCHOOL YEAR. THE PROJECT FEATURED CORRELATED INSTRUCTION IN ACADEMIC AND VOCATIONAL AREAS, TEACHING TEAMS, EXTRA GUIDANCE, AND DAILY TEACHER-GUIDANCE CONFERENCES FOR PLANNING AND DISCUSSION PURPOSES. THE MAIN FINDINGS AND RECOMMENDATIONS SHOW THAT (1) THE PROJECT WAS ADMINISTERED AND IMPLEMENTED EFFECTIVELY DURING THE FIRST YEAR OF ITS OPERATION, (2) THE MAJORITY OF THE FACULTY MEMBERS, STAFF MEMBERS, AND STUDENTS ASSOCIATED WITH THE PROJECT WERE FAVORABLY DISPOSED TOWARD THE PROJECT, (3) STUDENT IMPROVEMENTS INCLUDED DECREASED TARDINESS, INCREASED READING COMPETENCE, INCREASED EXTRACURRICULAR PARTICIPATION, IMPROVED ATTITUDES AND ADJUSTMENT, AND RAISED ASPIRATIONAL GOAL LEVELS, (4) STUDENTS FAILED TO SHOW IMPROVEMENT IN COURSE GRADES, ATTENDANCE, TRUANCY, AND WORD KNOWLEDGE, AND (5) TEACHERS REPORTED IMPROVEMENT IN THEIR UNDERSTANDING AND TEACHING OF SLOW LEARNERS. (HW)

ED 020 584 88 EA 001 429

MILLER, DONALD R.

OPERATION PEP–A STATE-WIDE PROJECT TO PREPARE EDUCATIONAL PLANNERS FOR CALIFORNIA.

OPERATION PEP, BURLINGAME, CALIF.

REPORT NUMBER DPSC-67-4410

PUB DATE 7 NOV 67

EDRS PRICE MF-$0.25 HC-$1.24 29P.

DESCRIPTORS— *ADMINISTRATIVE PERSONNEL, *EDUCATIONAL PLANNING, *EDUCATIONAL PROGRAMS, *PROFESSIONAL TRAINING, *STATE PROGRAMS, CALIFORNIA, CHARTS, COST EFFECTIVENESS, DECISION MAKING, ENVIRONMENTAL INFLUENCES, HUMAN RESOURCES, INFORMATION PROCESSING, MODELS, PROBLEM SOLVING, PROGRAM BUDGETING, PROJECT OPERATION PEP, SCIENTIFIC PRINCIPLES, SIMULATION, SYSTEMS ANALYSIS,

OPERATION PEP REPRESENTS A DESIGNFUL ATTEMPT ON THE PART OF THE EDUCATIONAL COMMUNITY IN CALIFORNIA TO PLAN, DESIGN, AND IMPLEMENT A TRAINING PROGRAM FOR THE EDUCATIONAL PLANNERS AND MANAGERS. THE BASIC CONTENT OF INSTRUCTION WILL BE DERIVED THROUGH THE ADAPTIVE TRANSLATION OF SCIENTIFIC AND INDUSTRIAL MANAGEMENT TECHNOLOGY TO THE CONTEXT OF EDUCATION. THIS PAPER ATTEMPTS TO EXPLAIN SOME OF THE COMPONENT PARTS AND BACKGROUND OF OPERATION PEP–(1) THE PHILOSOPHY, (2) THE AREAS OF TECHNOLOGY TO BE ANALYZED AND EVALUATED DURING 1967-68, (3) THE LONG-RANGE GOALS, (4) THE TYPE OF INSTRUCTIONAL ATMOSPHERE TO BE MAINTAINED, AND (6) THE BASIC FEATURES OF THE INSTRUCTIONAL STRATEGY. (HW)

ED 020 585 88 EA 001 430

MILLER, DONALD R.

A SYSTEM APPROACH FOR SOLVING EDUCATIONAL PROBLEMS.

OPERATION PEP, BURLINGAME, CALIF.

REPORT NUMBER DPSC-67-4410

PUB DATE 25 OCT 67

EDRS PRICE MF-$0.25 HC-$1.68 40P.

DESCRIPTORS— *EDUCATIONAL PLANNING, *HUMAN RESOURCES, *PROBLEM SOLVING, *SYSTEMS ANALYSIS, *SYSTEMS APPROACH, CALIFORNIA, CHARTS, DECISION MAKING, MODELS, SCHOOL SYSTEMS, STATE PROGRAMS, SYSTEMS CONCEPTS,

THIS PAPER INVESTIGATES VARIOUS ASPECTS OF THE SYSTEMS APPROACH FOR SOLVING EDUCATIONAL PROBLEMS--(1) THE SYSTEMS CONCEPT, (2) THE RELIABILITY OF THE ASSUMPTIONS ON WHICH THE SYSTEMS APPROACH IS BASED, (3) THE LIMITATIONS INHERENT IN THE SYSTEMS APPROACH, (4) THE HUMAN ELEMENT AND ITS RELATIONSHIP WITH THE SYSTEMS APPROACH, (5) THE WAYS THE SYSTEMS APPROACH HAS BEEN USED TO EFFECTIVELY SOLVE PROBLEMS, (6) WHAT IS MEANT BY A SYSTEM, SYSTEM ANALYSIS, SYSTEM SYNTHESIS, AND SYSTEM APPROACH, AND (7) THE BENEFITS THE SYSTEMS APPROACH OFFERS TO EDUCATION. ALSO INCLUDED IS A MODEL OF A SYSTEM APPROACH AS A LOGICAL TOOL FOR PROBLEM SOLVING AND A RATIONALE AND FRAMEWORK FOR IMPLEMENTING A SYSTEMS APPROACH TO PROBLEM SOLVING WITHIN THE EDUCATIONAL SYSTEM. (HW)

ED 020 586 **EA 001 431**
MILLER, DONALD R.
DESIGN CONSIDERATIONS FOR THE INSTRUCTIONAL PROGRAM OF OPERATION PEP.
OPERATION PEP, BURLINGAME, CALIF.
REPORT NUMBER DPSC-67-4410
PUB DATE 25 OCT 67
EDRS PRICE MF-$0.25 HC-$1.36 32P.
DESCRIPTORS-- *ADMINISTRATIVE PERSONNEL, *EDUCATIONAL PLANNING, *EDUCATIONAL PROGRAMS, *PROFESSIONAL TRAINING, *PROGRAM DESIGN, CALIFORNIA, CHARTS, FEEDBACK, INFORMATION PROCESSING, LESSON PLANS, PARTICIPANT INVOLVEMENT, PROBLEM SOLVING, PROJECT OPERATION PEP, STATE PROGRAMS, SYSTEMS APPROACH, UNIT PLAN,
THIS PAPER DISCUSSES THE OBJECTIVES AND NECESSARY DESIGN CONSIDERATIONS FOR THE INSTRUCTIONAL PROGRAM OF OPERATION PEP. THERE ARE NINE ELEMENTS WHICH THE INSTRUCTIONAL PROGRAM OF OPERATION PEP MUST CONSIDER--(1) PRIMACY OF IMPROVED PARTICIPANT PERFORMANCE, (2) CRITICALNESS OF TIME, (3) DETERMINATION OF PRIORITIES AMONG RELEVANT EDUCATIONAL PLANNING AND MANAGEMENT TRAINING CONCEPTS, (4) FOCUS UPON IMPROVED EDUCATION FOR K-12 STUDENTS, (5) REALIZATION OF THE OBJECTIVES OF CONTROLLED INVESTIGATION, (6) RECOGNITION OF THE ROLE OF PARTICIPANTS IN INSTRUCTIONAL PROGRAM DESIGN, (7) SET AND CLUSTER ANALYSIS, (8) TERMINAL PERFORMANCE SPECIFICATIONS, AND (9) DERIVATION OF INSTRUCTIONAL SYSTEM DESIGN MODEL. ELEMENTS FOR CONSIDERATION IN INSTRUCTIONAL UNIT DESIGN AND LESSON DESIGN ARE OUTLINED. FINALLY, VARIOUS ASPECTS OF INFORMATION HANDLING PROCESSES ARE CONSIDERED--(1) THE ROLE OF OPERATION PEP PARTICIPANTS IN INSTRUCTIONAL PROGRAM DESIGN, (2) FACILITATING PARTICIPANT ROLE FULFILLMENT, AND (3) SOLICITING AND RECORDING PARTICIPANTS' RESPONSES AND SUGGESTIONS. (HW)

ED 020 587 **EA 001 444**
THOMAS, GEORGE ISAIAH
EXTENDED SCHOOL YEAR DESIGNS--AN INTRODUCTION TO NEW PLANS OF SCHOOL ORGANIZATION WHICH CAN RESULT IN FINANCIAL ECONOMIES AND PROVIDE MORE EDUCATION FOR ALL PUPILS.
NEW YORK STATE EDUCATION DEPT., ALBANY
PUB DATE JAN 66
EDRS PRICE MF-$0.75 HC-$5.60 138P.
DESCRIPTORS-- *COSTS, *EXPERIMENTAL PROGRAMS, *EXTENDED SCHOOL YEAR, *SCHOOL ORGANIZATION, *SCHOOL SCHEDULES, CURRICULUM DEVELOPMENT, DROPOUT PREVENTION, EDUCATIONAL IMPROVEMENT, ELEMENTARY SCHOOLS, NEW YORK, QUARTER SYSTEM, SECONDARY SCHOOLS, SPACE UTILIZATION, STAFF UTILIZATION, STUDENT ENROLLMENT, SUMMER SCHOOLS, TEACHER SALARIES, TRIMESTER SCHEDULES, YEAR ROUND SCHOOLS,
THIS REPORT EXPLORES PLANS OF ELEMENTARY AND SECONDARY SCHOOL ORGANIZATION BASED UPON THE LENGTHENING OF THE SCHOOL YEAR TO REDUCE BY ONE OR MORE YEARS THE TOTAL PERIOD OF SCHOOLING. PRACTICAL INFORMATION IS PRESENTED CONCERNING (1) THE CONTINUOUS SCHOOL YEAR PLAN, (2) THE TRIMESTER PLAN, (3) THE QUADRIMESTER PLAN, (4) THE MODIFIED SUMMER SCHOOL PLAN, AND (5) THE EXTENDED K TO 12 PLAN. THE EFFECTS OF EACH PLAN UPON STUDENTS, TEACHERS, SCHOOL FACILITIES, SCHOOL FINANCE, AND CURRICULUM ARE DISCUSSED. LONG-RUN FINANCIAL BENEFITS ARE EXPECTED TO ACCRUE FROM SAVINGS IN SALARIES, TRANSPORTATION COSTS, CAPITAL OUTLAY, DEBT SERVICE, AND BUILDING OPERATION COSTS WHILE REVENUES SHOULD INCREASE FROM RELATIVELY LARGER TAX ROLLS. POTENTIAL EDUCATIONAL ADVANTAGES ARISE FROM (1) REDUCTION IN THE NUMBER OF DROPOUTS, (2) SMALLER CLASS SIZE, (3) MORE INSTRUCTIONAL TIME TO MEET THE BASIC NEEDS OF EACH CHILD WITHOUT ADDITIONAL COST, (4) MORE EFFECTIVE UTILIZATION OF SPECIAL FACILITIES, (5) REDUCTION OF THE GAP BETWEEN TEACHER DEMAND AND TEACHER SUPPLY, AND (6) INCREASED TEACHER QUALITY RESULTING FROM THE ABILITY TO PAY HIGHER SALARIES AND THUS TO COMPETE EFFECTIVELY FOR QUALIFIED INDIVIDUALS. REQUIRED CURRICULUM ADJUSTMENTS TO MAKE SUCH PLANS EFFECTIVE ARE DISCUSSED IN DETAIL. EA 001 378 IS A RELATED DOCUMENT. (TT)

ED 020 588 **EA 001 451**
WILLOWER, DONALD J.
THE TEACHER SUBCULTURE AND CURRICULUM CHANGE.
PUB DATE MAY 68
EDRS PRICE MF-$0.25 HC-$1.20 28P.
DESCRIPTORS-- *CLASS MANAGEMENT, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL TEACHERS, *SECONDARY SCHOOL TEACHERS, *SOCIAL SYSTEMS, BUREAUCRACY, COUNSELORS, DISCIPLINE, EDUCATIONAL OBJECTIVES, ORGANIZATIONAL CLIMATE, PHILADELPHIA, PRINCIPALS, SOCIALIZATION, SUBCULTURE, TEACHER ADMINISTRATOR RELATIONSHIP, TEACHER ATTITUDES, TEACHER BEHAVIOR, TEACHER ROLE,
THIS FACULTY SEMINAR PAPER VIEWS THE SCHOOL AS A SMALL SOCIETY OPERATING WITHIN A FRAMEWORK OF NORMS AND ROLES. TO DETERMINE THE PRIMARY FEATURES OF THE TEACHER SUBCULTURE, A 14-MONTH FIELD STUDY WAS CONDUCTED IN A JUNIOR HIGH SCHOOL, AND OBSERVATIONS OF TEACHER SOCIALIZATION AND PUPIL CONTROL WERE COMPARED FOR SCHOOLS FOLLOWING CUSTODIAL AND HUMANISTIC PUPIL CONTROL IDEOLOGIES. SUPPORTED PREDICTIONS INCLUDE--(1) TEACHERS ARE MORE CUSTODIAL IN PUPIL CONTROL THAN PRINCIPALS OR COUNSELORS, (2) SECONDARY SCHOOL TEACHERS AND PRINCIPALS ARE MORE CUSTODIAL THAN THEIR ELEMENTARY SCHOOL COUNTERPARTS, AND (3) INCREASED CUSTODIALISM ACCOMPANIES TEACHER SOCIALIZATION. IN ITS WIDER SOCIAL SETTING THE SCHOOL IS CONCERNED WITH COMMUNITY SUPPORT, A REPUTATION FOR INNOVATION, AND SPECIALIZATION TO MAKE ENVIRONMENTAL CONFLICT LESS BURDENSOME. WHILE CURRICULUM CHANGE IS TRADITIONALLY REGARDED AS A RESPONSIBILITY OF A TEACHERS' CURRICULUM COMMITTEE, RESULTS ARE USUALLY MINIMAL BECAUSE OF THE NORMATIVE ASPECTS OF THE SCHOOL AS A SOCIAL SYSTEM. EFFECTIVE CURRICULUM CHANGE EMANATES MORE CLEARLY FROM PRIVATE AND PUBLIC SOURCES OPERATING OUTSIDE THE SYSTEM OF CONSTRAINTS THAT DETER SCHOOL PERSONNEL. THIS PAPER WAS PRESENTED AT A FACULTY SEMINAR (TEMPLE UNIVERSITY, PHILADELPHIA, MAY, 1968). (JK)

ED 020 589 **EC 000 572**
ADVANCED PLACEMENT IN OHIO.
OHIO STATE DEPT. OF EDUCATION, COLUMBUS
OHIO COUNCIL ON ADVANCED PLACEMENT, COLUMBUS
PUB DATE 64
EDRS PRICE MF-$0.25 HC-$0.88 20P.
DESCRIPTORS-- *ADVANCED PLACEMENT, *EXCEPTIONAL CHILD EDUCATION, *GIFTED, ACCELERATED PROGRAMS, ADMISSION CRITERIA, ADOLESCENTS, COLLEGE CREDITS, COLLEGE HIGH SCHOOL COOPERATION, COLLEGE PLACEMENT, COLUMBUS, ENRICHMENT PROGRAMS, OHIO COUNCIL ON ADVANCED PLACEMENT, PROGRAM ADMINISTRATION, SECONDARY SCHOOLS, TEACHER QUALIFICATIONS,
THE DOCUMENT PRESENTS A DESCRIPTION OF THE ADVANCED PLACEMENT PROGRAM IN OHIO. ANSWERS ARE GIVEN TO KEY QUESTIONS ON THE FUNCTION OF ADVANCED PLACEMENT, ACADEMIC AREAS COVERED, PROGRAM ADMINISTRATION, COSTS, BENEFITS, VARIOUS ORGANIZATIONAL PATTERNS, STUDENT PARTICIPANTS, COLLEGES AND UNIVERSITIES IN OHIO AND REPRESENTATIVE NATIONAL INSTITUTIONS WHICH GRANT CREDIT FOR THE PROGRAM. INCLUDED ARE A ROSTER OF MEMBERS AND A POLICY STATEMENT OF THE OHIO COUNCIL ON ADVANCED PLACEMENT (FUNCTIONS TRANSFERRED TO THE DIVISION OF SPECIAL EDUCATION, OHIO DEPARTMENT OF EDUCATION, IN 1962). A BIBLIOGRAPHY ANNOTATES SEVEN ITEMS. (RM)

ED 020 590 **EC 000 575**
GALLAGHER, JAMES J. AND OTHERS
EDUCATIONAL PROBLEMS AND PLANNING FOR GIFTED STUDENTS--SELECTED PAPERS FROM GRADUATE LEADERSHIP TRAINING PROGRAM ON THE GIFTED.
ILLINOIS UNIV., URBANA, INST.RES.EXCEPT.CHILDREN
ILLINOIS STATE OFF. SUPT. PUB. INSTR., SPRINGFIELD
PUB DATE 66
EDRS PRICE MF-$0.75 HC-$5.84 144P.
DESCRIPTORS-- *EXCEPTIONAL CHILD RESEARCH, *GIFTED, ACADEMIC ACHIEVEMENT, CURRICULUM DEVELOPMENT, DISADVANTAGED YOUTH, ELEMENTARY SCHOOL STUDENTS, GRADUATE STUDY, HONORS CURRICULUM, IDENTIFICATION, INTELLIGENCE DIFFERENCES, LANGUAGE DEVELOPMENT, LEADERSHIP TRAINING, LOGIC, LOGICAL THINKING, PERSONALITY, RACIAL DIFFERENCES, RESEARCH PROJECTS, SELF CONCEPT, SEX DIFFERENCES, SOCIAL MOBILITY, SOCIAL STRUCTURE, SOCIAL STUDIES, SOCIOMETRIC TECHNIQUES, STUDENTS, SUMMER WORKSHOPS, VALUES, VERBAL ABILITY,
SEVEN ARTICLES FROM THE INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN CONSIDER THE GIFTED CHILD. THE FIRST ARTICLE, "LEADERSHIP TRAINING FOR THE GIFTED--A GRADUATE PROGRAM," IS BY J.J. GALLAGHER, DIRECTOR OF THE PROGRAM. SIX RESEARCH AND DEVELOPMENT PAPERS BY GRADUATE STUDENTS FOLLOW--"THE VARIABLE OF RACE, SEX AND INTELLIGENCE RELATED TO SOCIAL CHOICES OF DIADVANTAGED, GIFTED CHILDREN" BY V. GODMAN, "HONORS PROGRAM STUDENTS--THEIR ACADEMIC ATTAINMENTS, PERSONALITY TRAITS AND SELF CONCEPTS" BY W.D. SIMMONS, "AN ANALYSIS OF THE VERBAL DEFINITIONS OF ELEMENTARY SCHOOL CHILDREN--A PILOT STUDY" BY M. WEISER, "EVALUATION OF A SUMMER WORKSHOP ON GIFTED CHILDREN" BY F. SHAFFER, "DEVELOPING A SOCIAL STUDIES CURRICULUM FOR TEACHING VALUES IN THE ELEMENTARY SCHOOL" BY M. SCHEVERS, AND "THE DEVELOPMENT OF A PROGRAM OF SENTENTIAL LOGIC FOR GIFTED STUDENTS" BY K.A. RETZER. THE STUDENT PAPERS ALL PROVIDE FIGURES, TABLES, AND REFERENCE LISTS. (JD)

ED 020 591 **EC 000 831**
REYNOLDS, MAYNARD C., ED.
EARLY SCHOOL ADMISSION FOR MENTALLY ADVANCED CHILDREN, A REVIEW OF RESEARCH AND PRACTICE.

COUNCIL FOR EXCEPTIONAL CHILDREN, WASHINGTON, D.C.
PUB DATE 62
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 61P.
DESCRIPTORS— *ADMINISTRATION, *EXCEPTIONAL CHILD EDUCATION, *GIFTED, ACCELERATED PROGRAMS, ACCELERATION, ADMISSION (SCHOOL), ADMISSION CRITERIA, BROOKLINE MASSACHUSETTS, CASE STUDIES (EDUCATION), EARLY ADMISSION, EVANSTON ILLINOIS, MINNEAPOLIS MINNESOTA, NEBRASKA, PROGRAM ADMINISTRATION, PROGRAM DESCRIPTIONS, PROGRAM EVALUATION, RESEARCH PROJECTS, RESEARCH REVIEWS (PUBLICATIONS), SCHOOL POLICY, SPECIAL PROGRAMS,
RESEARCH AND SCHOOL SYSTEM POLICIES ON EARLY ADMISSION ARE REVIEWED IN THIS PUBLICATION. ARTICLES INCLUDE (1) "THE EARLY ADMISSION ISSUE" BY MAYNARD C. REYNOLDS, (2) "REVIEW OF RESEARCH ON EARLY ADMISSION" BY MAYNARD C. REYNOLDS AND OTHERS, (3) "THE BROOKLINE MASSACHUSETTS PROGRAM OF EARLY ADMISSION TO KINDERGARTEN" BY JAMES R. HOBSON, (4) "THE EARLY ADMISSION PROGRAM IN EVANSTON, ILLINOIS" BY VERA V. MILLER, (5) "THE EARLY ADMISSION PROGRAM IN MINNEAPOLIS, MINNESOTA" BY SARAH F. HOLBROOK, AND (6) "TWELVE YEARS OF EARLY ADMISSION IN NEBRASKA" BY MARSHALL S. HISKEY. A 110-ITEM BIBLIOGRAPHY IS INCLUDED. THIS DOCUMENT IS AVAILABLE FROM THE COUNCIL FOR EXCEPTIONAL CHILDREN, 1201 16TH STREET, N.W., WASHINGTON, D.C. 20036, FOR $2.00. (JP)

ED 020 592 EC 000 953
CLARK, LESLIE L., ED.
RESEARCH BULLETIN. NUMBER 14.
AMERICAN FOUNDATION FOR THE BLIND, NEW YORK, N.Y.
PUB DATE MAR 67
EDRS PRICE MF-$0.75 HC-$6.12 151P.
DESCRIPTORS— *BRAILLE, *EXCEPTIONAL CHILD RESEARCH, *PERCEPTION, *VISUALLY HANDICAPPED, ABILITY, ACADEMIC ABILITY, ANXIETY, AURALLY HANDICAPPED, ELECTRONIC EQUIPMENT, INTERVIEWS, LONGITUDINAL STUDIES, MACHINE TRANSLATION, MOBILITY AIDS, RESEARCH REVIEWS (PUBLICATIONS), SCREENING TESTS, TACTUAL PERCEPTION, VISUALLY HANDICAPPED MOBILITY,
THE FOLLOWING ARTICLES CONCERNING RESEARCH WITH THE VISUALLY HANDICAPPED ARE PRESENTED IN THIS BULLETIN--"TRENDS OF THE RESEARCH AND DEVELOPMENT PROCESS ON THE SENSORILY IMPAIRED--EUROPE AND THE U.S.A. 1966" BY M.D. GRAHAM AND L.L. CLARK, "THE PERCEPTION OF GRADIENT AND THE VERRING TENDENCY WHILE WALKING WITHOUT VISION" BY B.J. CRATTY, "VERRING TENDENCY AS A FUNCTION OF ANXIETY IN THE BLIND" BY J.C. HARRIS, "INFORMATIVE TACTILE STIMULI IN THE PERCEPTION OF DIRECTION" BY W. SCHIFF AND OTHERS, "THE GERMAN SYSTEM OF CONTRACTED BRAILLE--SOME CRITICAL POINTS OF VIEW" BY K. BRITZ, "AUTOMATIC TRANSLATION OF INKPRINT TO BRAILLE BY ELECTRONIC DATA PROCESSING SYSTEMS" BY H. WERNER AND OTHERS, "THE ABILITY STRUCTURE OF THE BLIND AND THE DEAF--FINAL REPORT" BY J. JUURMAA, "ELECTRONIC AIDS FOR BLIND PEOPLE" BY R.L. BEURLE, "USE OF TELEPHONE INTERVIEWS IN A LONGITUDINAL FERTILITY STUDY" BY L. COOMBS AND R. FREEDMAN, AND "SCREENING FOR VISUAL IMPAIRMENT" BY E. JOSEPHSON. BIBLIOGRAPHIES ARE INCLUDED FOR MOST OF THE REPORTS. THIS DOCUMENT IS AVAILABLE FROM THE AMERICAN FOUNDATION FOR THE BLIND, 15 WEST 16TH STREET, NEW YORK, NEW YORK 10011, FOR $1.50. (RS)

ED 020 593 EC 001 025
SMITH, EDGAR A., COMP.
DEVEREUX READABILITY INDEX.
DEVEREUX FOUNDATION, DEVON, PA.
PUB DATE 61
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *EXCEPTIONAL CHILD EDUCATION, *READING, BOOKLISTS, CALCULATION, DEVEREUX SCHOOLS, EVALUATION METHODS, EVALUATION TECHNIQUES, READABILITY, READING LEVEL, READING MATERIAL SELECTION, READING MATERIALS, TEACHERS,
THE READABILITY OF ANY BOOK IS DETERMINED BY WORDS AND SENTENCES WHICH ARE USED AND WHICH VARY IN DIFFICULTY FROM EASY TO HARD. PRESENTED HERE IS A PROCEDURE BY WHICH TEACHERS CAN DETERMINE THE READABILITY INDEX OF ANY BOOK AND TRANSLATE THE INDEX TO GRADE LEVELS. THE METHODS EMPLOYED IN THE DEVELOPMENT OF READABILITY FORMULAS AND WORD LISTS ARE EXPLAINED. A BOOKLIST OF 139 BOOKS ARRANGED BY THE DEVEREUX READABILITY INDEX IS INCLUDED. SIX TABLES AND THREE FIGURES PRESENT DATA, AND A BIBLIOGRAPHY CONTAINS 18 REFERENCES. THIS DOCUMENT WAS PUBLISHED BY THE DEVEREUX FOUNDATION, DEVON, PENNSYLVANIA 19333, AND WAS REPRINTED IN 1965. (DF)

ED 020 594 EC 001 151
THE MENTALLY RETARDED IN PSYCHIATRIC HOSPITALS. THE SOUTHERN REGIONAL CONFERENCE ON MENTAL HEALTH STATISTICS.
SOUTHERN REGIONAL EDUCATION BOARD, ATLANTA, GA.
PUB DATE 66
EDRS PRICE MF-$0.25 HC-$1.56 37P.
DESCRIPTORS— *EXCEPTIONAL CHILD RESEARCH, *MENTALLY HANDICAPPED, ADULTS, AGE GROUPS, CHILDREN, INSTITUTIONALIZED (PERSONS), INSTITUTIONS, PSYCHIATRIC HOSPITALS, SOUTHERN REGIONAL EDUCATION BOARD, STATE SURVEYS, STATISTICAL DATA, STATISTICAL SURVEYS, YOUNG ADULTS,
PUBLICLY OPERATED PSYCHIATRIC INSTITUTIONS IN THE 16 STATES OF THE SOUTHERN REGIONAL EDUCATION BOARD AREA WERE STUDIED TO FIND THE PROPORTION OF ALL RETARDED ADMISSIONS AND RESIDENTS WHO WERE IN PSYCHIATRIC HOSPITALS AND THE PROPORTION OF ALL PSYCHIATRIC HOSPITAL ADMISSIONS AND RESIDENTS WHO WERE REPORTED TO HAVE PRIMARY DIAGNOSIS OF MENTAL RETARDATION. DATA INDICATED THAT MOST RETARDED RESIDENTS IN THE YOUNGER AGE GROUPS (UNDER 15) WERE IN FACILITIES FOR THE RETARDED, WHEREAS MOST IN THE OLDER AGE GROUPS (OVER 25) WERE IN PSYCHIATRIC HOSPITALS. THE PROPORTION OF ALL RETARDED PATIENTS WHO WERE IN PSYCHIATRIC HOSPITALS IN MANY CASES WAS SUBSTANTIALLY HIGHER THAN THE PERCENT OF ALL PSYCHIATRIC HOSPITAL RESIDENTS WHO WERE DIAGNOSED AS RETARDED. THIRTEEN PERCENT OF ALL PSYCHIATRIC HOSPITAL RESIDENTS IN THE 16 STATES WERE REPORTED TO HAVE A PRIMARY DIAGNOSIS OF MENTAL RETARDATION. THE PERCENT OF ALL RETARDED PATIENTS DIAGNOSED AS RETARDED INCREASED WITH THE LENGTH OF HOSPITALIZATION (5 PERCENT OF THOSE HOSPITALIZED UNDER 1 YEAR, 18 PERCENT OF THOSE HOSPITALIZED 10 TO 19 YEARS) AS DID THE PERCENT OF ALL RETARDED PATIENTS WHO WERE IN PSYCHIATRIC FACILITIES (25 PERCENT OF THOSE HOSPITALIZED UNDER 1 YEAR, NEARLY 50 PERCENT OF THOSE HOSPITALIZED OVER 20 YEARS). HOWEVER, THE PERCENT OF ALL PSYCHIATRIC HOSPTIAL PATIENTS DIAGNOSED AS RETARDED DECREASED WITH AGE (24 PERCENT AGED 15 TO 24, LESS THAN 10 PERCENT AGED OLDER). THE GREAT MAJORITY OF THE OLDER RETARDED PATIENTS WAS IN PSYCHIATRIC FACILITIES. ONLY A SMALL PROPORTION (AN AVERAGE OF 4 PERCENT) OF CURRENT ADMISSIONS TO PSYCHIATRIC FACILITIES HAD A PRIMARY DIAGNOSIS OF MENTAL RETARDATION. MORE THAN FOUR OUT OF 10 RETARDED ADMISSIONS WENT TO PSYCHIATRIC HOSPITALS WITH THE REMAINING SIX OF THE 10 GOING TO FACILITIES FOR THE RETARDED. THE PERCENT OF ALL ADMISSIONS TO PSYCHIATRIC HOSPITALS WHO HAD A PRIMARY DIAGNOSIS OF MENTAL RETARDATION DECREASED WITH AGE (15 PERCENT UNDER 15 YEARS, ALMOST 0 PERCENT AT 75 AND OVER). HOWEVER, THE PROPORTION OF ADMISSIONS WHO ENTERED PSYCHIATRIC HOSPITALS INCREASED WITH AGE (6 PERCENT UNDER 15, 99 PERCENT AT 75 AND OVER). STATISTICAL EVIDENCE IS PRESENTED IN 11 GRAPHS AND FIVE TABLES. A CLINICIAN'S LOOK AT THE DATA IS ALSO INCLUDED. (JD)

ED 020 595 EC 001 265
ALLERHAND, MELVIN E. AND OTHERS
ADAPTATION AND ADAPTABILITY, THE BELLEFAIRE FOLLOWUP STUDY.
PUB DATE DEC 66
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ADJUSTMENT (TO ENVIRONMENT), *BEHAVIOR, *EMOTIONALLY DISTURBED, *EXCEPTIONAL CHILD RESEARCH, ADJUSTMENT PROBLEMS, ADOLESCENTS, BEHAVIOR PATTERNS, BEHAVIOR RATING SCALES, BELLEFAIRE, CASEWORKER APPROACH, CHILDREN, EMOTIONAL ADJUSTMENT, ENVIRONMENTAL INFLUENCES, FOLLOWUP STUDIES, INSTITUTIONALIZED (PERSONS), MALES, PERSONAL ADJUSTMENT, PROGRAM EVALUATION, PSYCHOLOGICAL PATTERNS, PSYCHOLOGICAL SERVICES, RATING SCALES, RESIDENTIAL CARE, RESIDENTIAL CENTERS, ROLE PLAYING, SOCIAL ADJUSTMENT,
A RESEARCH TEAM STUDIED INFLUENCES, ADAPTATION, AND ADAPTABILITY IN 50 POORLY ADAPTING BOYS AT BELLEFAIRE, A REGIONAL CHILD CARE CENTER FOR EMOTIONALLY DISTURBED CHILDREN. THE TEAM ATTEMPTED TO GAUGE THE SUCCESS OF THE RESIDENTIAL TREATMENT CENTER IN TERMS OF THE PSYCHOLOGICAL PATTERNS AND ROLE PERFORMANCES OF THE BOYS DURING INDIVIDUAL CASEWORK TREATMENT AND AFTER 1 TO 2 YEARS OF POSTINSTITUTIONAL LIFE. THE BOYS (IQ'S 67-137) RANGED IN AGE FROM 5-11 TO 16-6 YEARS AT ADMISSION TO THE CENTER AND STAYED AN AVERAGE OF 3 1/2 YEARS (RANGE 1/2 TO 6 1/2 YEARS). DATA COLLECTED INCLUDED FACTUAL INFORMATION, MEASURES OF ADAPTABILITY OR POTENTIALITY FOR ADJUSTMENT, CASEWORK VARIABLES SUCH AS TREATMENT AIMS AND THE CHILD'S RESPONSE, VARIOUS STAFF EVALUATIONS, SITUATIONAL VARIABLES OF STRESS OR SUPPORT AT FOLLOWUP, AND INFORMATION ON THE CHILD'S ACTUAL BEHAVIOR WITH PEERS, ADULTS, AND TASKS. THE RESEARCH TEAM FOUND RELATIVELY HIGH SUCCESS IN THE INSTITUTION AND IN THE FOLLOWUP. HOWEVER, POSITIVE ADAPTATION TO THE INSTITUTION DID NOT FORECAST ADEQUACY IN THE POST-INSTITUTIONAL ENVIRONMENT. THE SUPPORTIVE OR STRESSFUL NATURE OF SITUATIONAL FACTORS (PARTICULARLY AFTER DISCHARGE) AND THE IMPLEMENTATION OF AFTERCARE PLANS SUGGESTED BY THE CENTER STAFF WERE FOUND TO BE IMPORTANT. INCREASED EXPOSURE OF CHILDREN TO THE COMMUNITY WHILE THEY WERE AT THE INSTITUTION WAS ALSO DEMONSTRATED TO BE NECESSARY. DATA ARE PRESENTED FOR SUBGROUPS OF OLDER (13 YEARS AND OVER) AND YOUNGER (UNDER 13 YEARS) BOYS. APPENDIXES INCLUDE COMPONENTS OF INDEXES AND SCALES, INTRAPSYCHIC BALANCE SCALES, ROLE FULLFILLMENT SCALES, SITUTATIONAL VARIABLES AT FOLLOWUP, INSTRUCTIONS FOR THE RATER, AND RATING ROLE FULLFILLMENT SCALES WHICH WERE USED IN THE STUDY. THIRTY-TWO TABLES ARE INCLUDED. THIS DOCUMENT IS AVAILABLE FROM THE CHILD WELFARE LEAGUE OF AMERICA, INC., 44 EAST 23RD STREET, NEW YORK, NEW YORK 10010, FOR $5.00. (TE)

ED 020 596 EC 001 276
BOWER, ELI M. AND OTHERS
HIGH SCHOOL STUDENTS WHO LATER BECAME SCHIZOPHRENIC.
CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO
REPORT NUMBER CSDE-BULL-29-8
PUB DATE AUG 60

EDRS PRICE MF-$0.75 HC-$6.52 161P.

DESCRIPTORS— *ADJUSTMENT (TO ENVIRONMENT), *BEHAVIOR, *EMOTIONALLY DISTURBED, *EXCEPTIONAL CHILD RESEARCH, *IDENTIFICATION, ACADEMIC RECORDS, BEHAVIOR PATTERNS, BEHAVIOR RATING SCALES, CASE STUDIES (EDUCATION), EMOTIONAL ADJUSTMENT, INDIVIDUAL CHARACTERISTICS, MALES, MENTAL ILLNESS, PERSONALITY, PREDICTION, PSYCHIATRIC HOSPITALS, PSYCHOLOGISTS, SCHIZOPHRENIA, SOCIAL ADJUSTMENT, STUDENT EVALUATION, STUDENT RECORDS, TEACHERS, YOUNG ADULTS,

THE STUDY IDENTIFIED A GROUP OF 44 INSTITUTIONALIZED MALE SCHIZOPHRENIC PATIENTS AGED 19 TO 26 AND SURVEYED DESCRIPTIONS OF THEIR HIGH SCHOOL BEHAVIOR FOR PREDICTIVE SYMPTOMS. INTERVIEWS USING AN 18-ITEM BEHAVIOR RATING FORM WERE CONDUCTED WITH THE PATIENTS' FORMER HIGH SCHOOL TEACHERS. CONTROL SUBJECTS WERE ALSO RATED. ADDITIONAL DATA WERE OBTAINED FROM HIGH SCHOOL RECORDS. THREE CLINICAL PSYCHOLOGISTS USED THE DATA TO EVALUATE THE EMOTIONAL ADJUSTMENT OF SUBJECTS AND TO RANK THE SUBJECTS BY LIKELIHOOD OF LATER NEUROPSYCHIATRIC HOSPITALIZATION. THE PRESCHIZOPHRENIC AND CONTROL GROUPS DID NOT DIFFER SIGNIFICANTLY WHEN IN HIGH SCHOOL ON CONFORMITY TO RULES, MAINTENANCE OF PERSONAL APPEARANCE, OVERT EXPRESSIONS OF HOSTILITY, OR TENDENCY TO COMPLAIN. THE PRESCHIZOPHRENIC GROUP DIFFERED FROM THE CONTROL GROUP ON SELECTED ITEMS IN THEIR SCHOOL RECORDS–FEWER GRADUATED (.01 LEVEL), MORE ENROLLED IN THE GENERAL COURSE OF STUDY RATHER THAN THE COLLEGE PREPARATORY (.01), MORE HAD FOREIGN LANGUAGES AS BEST SUBJECTS, PHYSICAL EDUCATION AND MATHEMATICS AS POOREST (.001), FAILED ENGLISH, SOCIAL STUDIES, AND MATHEMATICS (.02), HAD AN OVERALL DECLINING GRADE PATTERN (.02), HAD A GRADE POINT AVERAGE ONE POINT LOWER (.001), HAD POORER ATTENDANCE (.02), SHOWED LESS INTEREST IN SPORTS AND DRAMATICS (.05), AND HAD LOWER IQ SCORES (.05) . THE JUDGES WERE CORRECT IN THEIR OVERALL PREDICTIONS OF LATER HOSPITALIZATION OR SATISFACTORY ADJUSTMENT IN THREE OUT OF EVERY FOUR CHOICES. THE CLASSIFICATIONS BY THE JUDGES OF THE EMOTIONAL PROBLEMS OF BOTH GROUPS AT THE TIME THEY WERE IN HIGH SCHOOL DIFFERED SIGNIFICANTLY (ACTING OUT .05, WITHDRAWAL .001, NO MARKED PROBLEM. 001). THE RATINGS BY THE JUDGES OF THE MENTAL HEALTH OF THE TWO GROUPS ALSO DIFFERED SIGNIFICANTLY (.001 LEVEL). AN HISTORICAL PERSPECTIVE, A REVIEW OF PREVIOUS RESEARCH FINDINGS AND PROBLEMS, AND A DISCUSSION OF CHARACTERISTICS, CAUSES, AND INCIDENCE OF SCHIZOPHRENIA ARE PROVIDED. APPENDIXES INCLUDE THE INTERVIEW RATING SCALE, EIGHT TABLES, AND ONE-PAGE SUMMARIES OF INTERVIEW DATA FOR THE 88 SUBJECTS. A REFERENCE LIST CITES 34 ITEMS. (TE)

ED 020 597 **EC 001 306**

HURLEY, OLIVER L.

LINGUISTIC ANALYSIS OF VERBAL INTERACTION IN SPECIAL CLASSES FOR THE MENTALLY RETARDED.

ILLINOIS UNIV., URBANA, INST.RES.EXCEPT.CHILDREN

REPORT NUMBER BR-7-0130

PUB DATE JUN 67

GRANT OEG-3-7-070130-1609

EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS— *COMMUNICATION (THOUGHT TRANSFER), *EXCEPTIONAL CHILD RESEARCH, *LANGUAGE, *MENTALLY HANDICAPPED, CLASSROOM COMMUNICATION, EDUCABLE MENTALLY HANDICAPPED, ELEMENTARY SCHOOL STUDENTS, INTERACTION, INTERACTION PROCESS ANALYSIS, LANGUAGE PATTERNS, LANGUAGE USAGE, MEASUREMENT TECHNIQUES, SPECIAL CLASSES, STRUCTURAL ANALYSIS, TEACHERS,

NOTING THAT RECENT RESEARCH POINTS TO LINGUISTIC CODE DIFFERENCES AS AN IMPORTANT FACET OF CULTURAL DEPRIVATION AND THAT THE MAJORITY OF EDUCABLE MENTALLY RETARDED (EMR) CHILDREN COME FROM LOW SOCIOECONOMIC LEVELS, IT WAS HYPOTHESIZED THAT ONE OF THE KEYS TO LEARNING FOR EMR CHILDREN IS THE COMPLEXITY OF THE TEACHER'S LANGUAGE IN RELATION TO THAT OF THE CHILDREN AND THAT THE LINGUISTIC CODE MAY BE RELATED TO THE FAILURE OF SPECIAL CLASSES TO SHOW ANY SIGNIFICANT BENEFIT FOR THE STUDENT. A SYSTEM OF ANALYZING AND CODING TEACHER-PUPIL VERBAL INTERACTION WAS DEVELOPED BY USING TAPESCRIPTS FROM TWO EMR CLASSES WITH A TOTAL OF 19 CHILDREN (MEAN IQ 117 MONTHS). TEACHERS OF BOTH CLASSES HAD BEEN SPECIAL EDUCATION MAJORS IN COLLEGE AND HAD 7 YEARS EXPERIENCE BETWEEN THEM WITH THE EMR. DIFFERENT METHODS OF WORD ANALYSIS WERE ASSESSED. THE SYSTEM DEVELOPED HAS THREE PARTS–THE LENGTH AND COMPLEXITY INDEX (LCI), THE SENTENCE CLASSIFICATION SYSTEM, AND A CONTENT ANALYSIS. THE LCI IS A SCORING SYSTEM WHICH SIMULTANEOUSLY WEIGHTS THE LENGTH OF A SENTENCE AND THE COMPLEXITY OF ITS NOUN AND VERB PHRASES. SENTENCES ARE CLASSIFIED INTO ONE OF FIVE CLASSES–SIMPLE, SIMPLE WITH A PHRASE, ELABORATED SIMPLE, COMPOUND AND COMPLEX, AND ELABORATED COMPOUND AND COMPLEX SENTENCES. THESE FIVE CLASSES FORM A LOGICAL HIERARCHY OF COMPLEXITY AND ARE DIFFERENTIALLY WEIGHTED. A SENTENCE COMPLEXITY SCORE (SCE) IS OBTAINED BY ADDING THE LCI AND THE WEIGHTED VALUE FOR THE CLASS OF SENTENCE. THE CONTENT OF A SENTENCE IS CODED ACCORDING TO THE PURPOSE OF THE COMMUNICATION INTO EIGHT CATEGORIES GROUPED INTO THREE MAIN CATEGORIES (STRUCTURING, RESPONSES REQUESTED, AND REACTING) USED AS PARAMETERS FOR THE INTERPRETATION OF THE SCS. ONE FIGURE AND A 26-ITEM BIBLIOGRAPHY ARE INCLUDED. APPENDIXES PROVIDE INSTRUCTIONS FOR THE LINGUISTIC CODING SYSTEM AND A STUDY OF THE VERBAL OUTPUT IN A SPECIAL CLASS FOR RETARDED CHILDREN. ACCOMPANYING THE APPENDIXES ARE A CODING SHEET, A TABLE, AND THREE REFERENCES. (AA/JD)

ED 020 598 **EC 001 492**

SZUREK, S.A., ED. BERLIN, I.N., ED.

TRAINING IN THERAPEUTIC WORK WITH CHILDREN. CLINICAL APPROACHES TO PROBLEMS OF CHILDHOOD, VOLUME 2. LANGLEY PORTER CHILD PSYCHIATRY SERIES.

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EMOTIONALLY DISTURBED, *EXCEPTIONAL CHILD SERVICES, *PROFESSIONAL EDUCATION, *PSYCHOTHERAPY, ADMINISTRATION, ANTISOCIAL BEHAVIOR, CHILD DEVELOPMENT, CHILDREN, DELINQUENCY, ETIOLOGY, MEDICAL TREATMENT, MENTAL HEALTH, MENTAL HEALTH CLINICS, MENTAL ILLNESS, MENTAL RETARDATION, PARENT CHILD RELATIONSHIP, PARENT PARTICIPATION, PARENTS, PERSONALITY DEVELOPMENT, PROFESSIONAL TRAINING, PSYCHIATRIC SERVICES, PSYCHIATRISTS, PSYCHIATRY, PSYCHOSIS, SCHIZOPHRENIA, SOCIAL WORK, SUPERVISION, THERAPISTS,

THE COLLECTION CONTAINS LECTURES AND PAPERS BY VARIOUS AUTHORS DEALING WITH CHILD PSYCHOLOGY, CONSIDERATION OF CHILD PSYCHIATRY INCLUDES DEFINITION, PERSONALITY DEVELOPMENT, FACTORS IN CHILDREN'S PSYCHIATRIC DISORDERS, CLINICAL SYNDROMES, CHILDHOOD PSYCHOSES, AND PRINCIPLES OF PSYCHOTHERAPY. AN OVERVIEW OF A PHILOSOPHY OF PSYCHOTHERAPY IN CHILD PSYCHIATRY IS PROVIDED WHICH TREATS PROCEDURES, PROBLEMS, AND EXPERIENCES WITH PSYCHOPHARMACOLOGIC DRUGS AND PRESENTS A SURVEY OF CHILD PSYCHIATRY. ALSO COVERED IS THE SIMULTANEOUS PSYCHOTHERAPY OF CHILD AND PARENTS (BOTH COLLABORATIVE AND PARENT THERAPY), WITH SPECIAL ATTENTION GIVEN TO THE ETIOLOGY OF ANTISOCIAL BEHAVIOR IN DELINQUENTS AND PSYCHOPATHS AND TO THE ELEMENTS OF PSYCHOTHERAPEUTICS WITH THE SCHIZOPHRENIC CHILD AND HIS PARENTS. THE SECTION ON DEVELOPING A PHILOSOPHY OF TRAINING IN CHILD PSYCHIATRY FOCUSES ON OUTPATIENT CLINICS, TRAINING PROGRAMS (INCLUDING THOSE IN MENTAL RETARDATION), THE SUPERVISORY PROCESS, TEACHING ADMINISTRATION, AND SOCIAL WORK PARTICIPATION. REFERENCE LISTS FOLLOW THE INDIVIDUAL CHAPTERS OR SELECTIONS. THIS DOCUMENT WAS PUBLISHED BY SCIENCE AND BEHAVIOR BOOKS, INC., 577 COLLEGE AVENUE, PALO ALTO, CALIFORNIA 94306, AND IS AVAILABLE FOR $6.75. (TE)

ED 020 599 **EC 001 529**

CLARK, GARY M.

A STUDY OF THE EFFECTS OF TWO EXPERIMENTAL CURRICULUM UNITS ON THE SOCIAL PERCEPTION AND OCCUPATIONAL READINESS OF EDUCABLE MENTALLY RETARDED ADOLESCENTS.

GEORGE PEABODY COLL. FOR TEACHERS, NASHVILLE,TENN.

REPORT NUMBER BR-6-8926

PUB DATE AUG 67

GRANT OEG-2-7-068926-2370

EDRS PRICE MF-$0.75 HC-$5.24 129P.

DESCRIPTORS— *BEHAVIOR, *CURRICULUM, *EXCEPTIONAL CHILD RESEARCH, *MENTALLY HANDICAPPED, *PERCEPTION, ADJUSTMENT (TO ENVIRONMENT), ADOLESCENTS, BEHAVIOR CHANGE, BEHAVIOR RATING SCALES, CURRICULUM EVALUATION, EDUCABLE MENTALLY HANDICAPPED, EXPERIMENTAL CURRICULUM, INTERPERSONAL COMPETENCE, PERSONALITY, PREVOCATIONAL EDUCATION, SELF CONCEPT, SEX DIFFERENCES, SOCIAL ADJUSTMENT, SOCIAL MATURITY, SOCIAL RELATIONS, TEST RESULTS, VISUAL PERCEPTION,

THE MAJOR PURPOSE OF THE STUDY WAS A TRIAL AND EVALUATION OF AN EXPERIMENTAL CURRICULUM UNIT DESIGNED TO PROVIDE A STRUCTURAL PROGRAM IN SOCIAL PERCEPTION AND BEHAVIOR FOR EDUCABLE MENTALLY RETARDED ADOLESCENTS. THE PROGRAM WAS DEVISED IN THE FORM OF SEQUENTIAL SIMULATION OR ILLUSTRATIONS LEADING TO SKILLS IN PERCEIVING WHICH CUES ARE RELEVANT, INFERRING FROM THESE WHAT IS OCCURRING, AND DETERMINING WHAT SOCIAL RESPONSES WOULD BE MOST APPROPRIATE. THE 56 SUBJECTS WERE SELECTED FROM YOUNG ADOLESCENTS (AGED 13 TO 16) ENROLLED IN SIX SPECIAL CLASSES FROM THREE SCHOOLS AND WERE RANDOMLY ASSIGNED EITHER TO AN EXPERIMENTAL OR TO A PLACEBO GROUP. THE EXPERIMENTAL GROUP'S TREATMENT CONSISTED OF 48 1-HOUR LESSONS FROM THE EXPERIMENTAL CURRICULUM (PERCEPTUAL TRAINING FOR COMMUNITY LIVING–A PREVOCATIONAL UNIT FOR RETARDED YOUTHS, THE 1965 REVISION BY EDMONDSON, LEACH, AND LELAND). THE CONTROL GROUP FOLLOWED A CONVENTIONAL SPECIAL EDUCATION CURRICULUM WITH SELECTED ELEMENTS OF THE ENVIRONMENT MANIPULATED. PRETEST AND POSTTEST MEASURES WERE TAKEN ON THE FOLLOWING INSTRUMENTS–VINELAND SOCIAL MATURITY SCALE, FUDELL TEST OF OCCUPATIONAL READINESS, TEST OF SOCIAL INFERENCE, BOWN SELF-REPORT INVENTORY, AND BEHAVIOR RATING SCALE. RESULTS WERE ALSO OBTAINED ON TEACHER AND PUPIL EVALUATIONS, AND WEEKLY UNIT TESTS. THE EXPERIMENTAL VARIABLES OF CURRICULA, SCHOOLS, AND TIME WERE ANALYZED IN TERMS OF THE DEPENDENT VARIABLES (MEA-

SURES OF SOCIAL BEHAVIOR). ANALYSIS INDICATED NO SIGNIFICANT DIFFERENCES BETWEEN THE EXPERIMENTAL AND THE PLACEBO GROUPS FOLLOWING THE TREATMENT PERIOD. IT WAS FOUND, HOWEVER, THAT FEMALE PUPILS PERFORMED SIGNIFICANTLY BETTER (BEYOND .025 LEVEL) THAN MALE PUPILS ON FOUR OF THE SEVEN MEASURES. THE RELATIONSHIP BETWEEN ACHIEVEMENT ON WEEKLY UNIT TESTS AND SCORES ON TWO POSTTEST MEASURES WAS SIGNIFICANT BEYOND THE .05 LEVEL. TEACHER AND PUPIL EVALUATIONS INDICATED GENERAL APPROVAL. ONE FIGURE AND 24 TABLES PROVIDE DATA, AND A BIBLIOGRAPHY LISTS 98 ITEMS. APPENDIXES INCLUDE MATERIAL ON THE TESTS AND RATING FORMS, LESSON PLANS AND GUIDELINES, TEACHER PERSONNEL DATA, IDENIFYING DATA AND SCORES ON ALL SUBJECTS, TEACHER EVALUATION OF THE SOCIAL PERCEPTUAL TRAINING UNIT, AND ANALYSIS OF VARIANCE AND COVARIANCE SUMMARY TABLES. (TM)

ED 020 600 EC 001 682

MILD MENTAL RETARDATION--A GROWING CHALLENGE TO THE PHYSICIAN.

GROUP FOR THE ADVANCEMENT OF PSYCHIATRY INC.

REPORT NUMBER GAP-REP-NO-66

PUB DATE SEP 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *COUNSELING, *DISADVANTAGED YOUTH, *EXCEPTIONAL CHILD EDUCATION, *FAMILY (SOCIOLOGICAL UNIT), *MENTALLY HANDICAPPED, CHILDHOOD NEEDS, CIVIL RIGHTS LEGISLATION, CLINICAL DIAGNOSIS, COUNSELOR ROLE, EDUCABLE MENTALLY HANDICAPPED, EMOTIONAL MALADJUSTMENT, ETIOLOGY, FAMILY CHARACTERISTICS, INDIVIDUAL CHARACTERISTICS, MEDICAL SERVICES, MEDICAL TREATMENT, MENTAL RETARDATION, PARENT ATTITUDES, PARENT COUNSELING, PARENTAL BACKGROUND, PATHOLOGY, PHYSICIANS, PREVENTION, SOCIALLY DISADVANTAGED, SOCIOECONOMIC STATUS,

INTENDED FOR PHYSICIANS, THIS DOCUMENT DESCRIBES THE NATURE AND SCOPE OF THE PROBLEM OF MILD MENTAL RETARDATION, AND PRESENTS GUIDELINES FOR MEDICAL CARE AND COUNSELING OF MILDLY RETARDED CHILDREN AND THEIR FAMILIES. TWO GROUPS OF SUCH CHILDREN (BASED ON HIGH OR LOW SOCIOCULTURAL LEVEL) ARE EXAMINED AND CHARACTERIZED. THE TWO GROUPS ARE DISCUSSED IN TERMS OF THE DIAGNOSTIC PROCESS, INFANCY AND PRESCHOOL YEARS, ELEMENTARY SCHOOL YEARS, ADOLESCENCE AND ADULTHOOD, AND PSYCHOPATHOLOGY. ETIOLOGY AND PREVENTION ARE CONSIDERED FROM THE VIEWPOINT OF ORGANIC, SOCIOCULTURAL, AND PSYCHOLOGICAL FACTORS, AND OF PREVENTION. THE PHYSICIAN'S ROLE IN TREATMENT AND THE LAW REGARDING THE RIGHTS OF THE MENTALLY RETARDED ARE ALSO DESCRIBED. A LIST OF 13 SUGGESTED READINGS IS PROVIDED. THIS DOCUMENT IS AVAILABLE FROM THE PUBLICATIONS OFFICE, GROUP FOR THE ADVANCEMENT OF PSYCHIATRY, 104 EAST 25TH STREET, NEW YORK, NEW YORK 10010, FOR $1.00. (SB)

ED 020 601 EC 001 797

VALETT, ROBERT E.

THE REMEDIATION OF LEARNING DISABILITIES, A HANDBOOK OF PSYCHOEDUCATIONAL RESOURCE PROGRAMS.

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CURRICULUM, *EXCEPTIONAL CHILD EDUCATION, *LEARNING DISABILITIES, *TEACHING METHODS, COGNITIVE DEVELOPMENT, CONCEPT FORMATION, CURRICULUM GUIDES, INTERPERSONAL COMPETENCE, LANGUAGE DEVELOPMENT, LEARNING ACTIVITIES, MOTOR DEVELOPMENT, PERCEPTUAL DEVELOPMENT, PERCEPTUAL MOTOR COORDINATION, PERCEPTUAL MOTOR LEARNING, PHYSICAL ACTIVITIES, PHYSICAL DEVELOPMENT, PSYCHOMOTOR SKILLS, REMEDIAL PROGRAMS, RESOURCE GUIDES, SENSORY INTEGRATION, SENSORY TRAINING, SKILL DEVELOPMENT, SOCIAL DEVELOPMENT,

INTENDED FOR SPECIAL EDUCATION TEACHERS, REMEDIAL SPECIALISTS, AND PSYCHOLOGISTS, THE HANDBOOK PRESENTS A SERIES OF CONCRETE ACTIVITIES AND EXERCISES FOR CHILDREN WITH LEARNING DISABILITIES. FIFTY-THREE BASIC LEARNING ABILITIES OR RESOURCE PROGRAMS ARE GROUPED UNDER SIX MAJOR AREAS--GROSS MOTOR DEVELOPMENT, SENSORY MOTOR INTEGRATION, PERCEPTUAL MOTOR SKILLS, LANGUAGE DEVELOPMENT, CONCEPTUAL SKILLS, AND SOCIAL SKILLS. EACH ABILITY IS DEFINED OPERATIONALLY, ILLUSTRATED, AND PROVIDED WITH AN EDUCATIONAL RATIONALE. ALSO, EACH ACTIVITY IS CONSIDERED AS A DEVELOPMENT TASK, AND BEGINNING, MIDDLE, AND ADVANCED LEVEL PROGRAM IDEAS ARE SUGGESTED. A SAMPLE PROGRAM WORKSHEET, REFERENCES TO RELATED PROGRAMS, SUGGESTIONS FOR INSTRUCTIONAL MATERIALS AND RELEVANT EVALUATIONAL AND DIAGNOSTIC AIDS, AND SUPPLEMENTARY READINGS ARE PROVIDED FOR ALL 53 PROGRAMS. FORMS FOR PUPIL EVALUATION AND PUPIL PROGRESS REPORTS ARE INCLUDED. THE BOOK, PRESENTED IN LOOSE LEAF FORMAT, IS INTENDED FOR MODIFICATION AND EXTENSION BY ITS USERS. THIS DOCUMENT WAS PUBLISHED BY FEARON PUBLISHERS, 2165 PARK BOULEVARD, PALO ALTO, CALIFORNIA 94306, AND IS AVAILABLE FOR $12.00. (JD)

ED 020 602 EC 001 940

EARLY IDENTIFICATION AND MITIGATION OF LEARNING PROBLEMS, ANNUAL SYMPOSIUM (3RD, NEW BRUNSWICK, NEW JERSEY, MAY 19, 1967).

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J.

PUB DATE 19 MAY 67

EDRS PRICE MF-$0.25 HC-$1.56 37P.

DESCRIPTORS— *EXCEPTIONAL CHILD EDUCATION, *IDENTIFICATION, *LEARNING DISABILITIES, CHILDREN, DIAGNOSTIC TEACHING, EDUCATIONAL OBJECTIVES, EDUCATIONAL TESTING, EDUCATIONAL THEORIES, IDENTIFICATION TESTS, IMMATURITY, INDIVIDUAL DIFFERENCES, MINIMALLY BRAIN INJURED, PRESCHOOL CHILDREN,

TWO SPEECHES PRESENTED AT THE THIRD ANNUAL SYMPOSIUM HELD BY RUTGERS STATE UNIVERSITY IN 1967 CONSIDER LEARNING DISABILITIES. IN "NEUROPHRENIC CHILDREN--THEIR EARLY IDENTIFICATION AND MANAGEMENT," EDGAR A. DOLL EXPLAINS HIS CONCEPT OF NEUROPHRENIA AND THE IMPORTANCE OF EARLY IDENTIFICATION AND DISCUSSES THE USE OF THE VINELAND SOCIAL MATURITY SCALE AND PRE-SCHOOL AND ATTAINMENT RECORD IN CLINICAL ASSESSMENT. GUIDELINES FOR THE GROWTH AND DEVELOPMENT OF THESE CHILDREN ARE OUTLINED, A CASE STUDY OF A NEUROPHRENIC CHILD IS PRESENTED, AND 20 REFERENCES ARE LISTED. IN THE SECOND SPEECH ON "LEARNING DISORDERS AND THE PRESCHOOL CHILD," SYLVIA O. RICHARDSON DISCUSSES IDENTIFYING CHARACTERISTICS AND MEDICAL HISTORIES USUALLY FOUND AMONG CHILDREN WITH LEARNING DISABILITIES. EMPHASIS IS PLACED UPON EARLY IDENTIFICATION (AT 5 YEARS OR YOUNGER) AND APPROPRIATE EDUCATIONAL METHODS RECOGNIZING INDIVIDUAL DIFFERENCES. AN UNPUBLISHED STUDY IS REVIEWED IN SUPPORT OF THE THEORY THAT BEHAVIORAL DESCRIPTIONS OF IMMATURITY ARE REPRESENTATIVE OF OBJECTIVE MEASURABLE DIFFERENCES ALONG VARIOUS DIMENSIONS (PHYSICAL, SOCIAL, EMOTIONAL). (RS)

ED 020 603 EC 001 946

NEWCOMB, DANIEL L., ED.

PROCEEDINGS, 1967 INTERNATIONAL CONVOCATION ON CHILDREN AND YOUNG ADULTS WITH LEARNING DISABILITIES (PITTSBURGH, PENNSYLVANIA, FEBRUARY 24-26, 1967).

HOME FOR CRIPPLED CHILDREN, PITTSBURGH, PA.

PUB DATE JUL 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EXCEPTIONAL CHILD EDUCATION, *IDENTIFICATION, *LEARNING DISABILITIES, *TEACHING METHODS, BEHAVIOR, BEHAVIOR CHANGE, CHILD DEVELOPMENT, CLINICAL DIAGNOSIS, CONFERENCE REPORTS, DISADVANTAGED YOUTH, DYSLEXIA, EDUCATIONAL METHODS, ETIOLOGY, EVALUATION, INTERVENTION, LANGUAGE HANDICAPS, MENTALLY HANDICAPPED, MINIMALLY BRAIN INJURED, MOTOR DEVELOPMENT, NEUROLOGICALLY HANDICAPPED, PERCEPTION, PERCEPTUAL MOTOR LEARNING, PROGRAM PLANNING, REINFORCEMENT, REMEDIAL PROGRAMS, SPECIAL PROGRAMS,

THE PROCEEDINGS FROM THE 1967 INTERNATIONAL CONVOCATION ON LEARNING DISABILITIES INCLUDE ARTICLES IN THREE AREAS--23 ON ETIOLOGY AND IDENTIFICATION, 14 ON EDUCATION, HABILITATION, AND REMEDIATION, AND 11 ON REHABILITATION AND INNOVATION. TOPICS INCLUDE LANGUAGE, READING AND COMMUNICATION DISABILITIES, BHEAVIOR, AUDITORY AND VISUAL PERCEPTION, MOTOR FUNCTIONS, AND EVALUATION AND DIAGNOSIS. THE ROLE OF THE SOCIAL WORKER, TEACHER, PEDIATRICIAN, AND PSYCHIATRIST IS CONSIDERED WITH REFERENCE TO PARTICULAR PROBLEMS. ALSO DISCUSSED ARE TEACHING METHODS, EDUCATIONAL INTERVENTION, AND THE APPLICATION OF THERAPY, BEHAVIOR MODIFICATION, AND LEARNING THEORIES. ATTENTION IS GIVEN TO CHILDREN WITH SEVERAL SORTS OF LEARNING DISABILITIES--DISADVANTAGEMENT, MINIMAL BRAIN INJURY, MENTAL RETARDATION, OR BEHAVIOR DISORDERS. BIBLIOGRAPHIES ARE GIVEN FOR 12 OF THE ARTICLES, AND AN INDEX OF THE AUTHORS (WITH TITLE, INSTITUTION, AND ADDRESS) IS PROVIDED. THIS DOCUMENT IS AVAILABLE FROM THE HOME FOR CRIPPLED CHILDREN, 1426 DENNISTON AVENUE, PITTSBURGH, PENNSYLVANIA 15217. (JD)

ED 020 604 EC 001 956

LARK-HOROVITZ, BETTY AND OTHERS

UNDERSTANDING CHILDREN'S ART FOR BETTER TEACHING.

PUB DATE NOV 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ART, *CREATIVITY, *CURRICULUM, *EXCEPTIONAL CHILD EDUCATION, ART ACTIVITIES, ART APPRECIATION, ART EDUCATINON, ART EXPRESSION, ART PRODUCTS, AURALLY HANDICAPPED, CREATIVE ART, CREATIVE DEVELOPMENT, CREATIVE EXPRESSION, CULTURAL DIFFERENCES, ELEMENTARY SCHOOLS, GIFTED, INDIVIDUAL DIFFERENCES, INSTRUCTIONAL MATERIALS, MENTALLY HANDICAPPED, TEACHING METHODS, VISUAL LEARNING, VISUALLY HANDICAPPED,

THE DEVELOPMENT OF ARTISTIC EXPRESSION IN CHILDREN FROM MANY COUNTRIES IS TRACED AND ILLUSTRATED. AFTER THE NATURAL DEVELOPMENT OF VISUAL EXPRESSION IN CHILDREN IS REVIEWED, THE FOLLOWING TOPICS ARE CONSIDERED--INDIVIDUAL AND CULTURAL ASPECTS, SUBJECTS AND THEIR REPRESENTATION IN CHILDREN'S ART, SOME CHARACTERISTICS OF ART DEVELOPMENT, AND THE SIGNIFICANCE OF VARIOUS FACTORS IN CHILDREN'S ART. A CHAPTER ON THE EXCEPTIONAL CHILD CONSIDERS ARTISTICALLY TALENTED, GIFTED, RETARDED, DEAF, AND BLIND CHILDREN. CREATIVITY AND CHILDREN'S ATTITUDES AND APPROACH TO ART ARE EXAMINED. FOUR CHAPTERS CONSIDER ART EDUCATION--TEACHING ART IN THE ELEMENTARY SCHOOL, PLANNING ART ACTIVITIES, HELPING CHILDREN TO ENJOY WORKS OF ART, AND RELATING ART TO OTHER AREAS OF THE

CURRICULUM. EACH CHAPTER CONCLUDES WITH A BIBLIOGRAPHY FROM THE INTERNATIONAL LITERATURE RELATIVE TO ITS PARTICULAR TOPIC. THERE ARE 229 BLACK AND WHITE PICTURES AND 50 ILLUSTRATIONS IN COLOR. REFERENCES ARE GIVEN FOR ILLUSTRATIONS. ARTIST, ARUTHOR, AND SUBJECT INDEXES APPEAR. THIS DOCUMENT IS AVAILABLE FROM CHARLES E. MERRILL BOOKS, INC., COLUMBUS, OHIO 43216, FOR $8.75. (DF)

ED 020 605 EC 002 355

MYKLEBUST, HELMER R., ED.

PROGRESS IN LEARNING DISABILITIES. VOLUME I.

PUB DATE 68

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CHILD DEVELOPMENT, *EXCEPTIONAL CHILD EDUCATION, *IDENTIFICATION, *LANGUAGE, *LEARNING DISABILITIES, DYSLEXIA, EDUCATIONAL DIAGNOSIS, EDUCATIONAL NEEDS, EDUCATIONAL PLANNING, ELECTROENCEPHALOGRAPHY, LANGUAGE ABILITY, MEDICAL EVALUATION, MINIMALLY BRAIN INJURED, NEUROLOGICAL ORGANIZATION, NEUROLOGICALLY HANDICAPPED, OPHTHALMOLOGY, PERCEPTUAL DEVELOPMENT, PERCEPTUAL MOTOR COORDINATION, PERCEPTUALLY HANDICAPPED, PHYSICIANS, PSYCHIATRISTS, TEACHING METHODS, VISUAL PERCEPTION,

THE FIRST OF A SERIES DEALING WITH LEARNING DISABILITIES FROM A PSYCHONEUROLOGICAL STANDPOINT, THE VOLUME CONTAINS CURRENT DISCUSSIONS AND RESEARCH REPORTS. TEN AUTHORS FROM A VARIETY OF FIELDS CONTRIBUTE CHAPTERS, EACH WITH AN ACCOMPANYING LIST OF REFERENCES. THE EDITOR, H.R. MYKLEBUST, PROVIDES THE OPENING ARTICLE ON "LEARNING DISABILITIES–DEFINITION AND OVERVIEW." ALSO INCLUDED ARE "PEDIATRIC NEUROLOGY AND LEARNING DISABILITIES" BY D.M. VOCKOVICH, "LEARNING DISABILITIES–THE DEVELOPMENTAL POINT OF VIEW" BY L.B. AMES, "THE ROLE OF CHILD PSYCHIATRY IN LEARNING DISABILITIES" BY M. GIFFIN, AND "THE PEDIATRICIAN' BY B.H. ONG. ADDITIONAL ARTICLES PRESENTED ARE "ELECTROENCEPHALOGRAPHY AND LEARNING" BY J.R. HUGHES, "OPHTHALMOLOGICAL FACTORS IN LEARNING DISABILITIES" BY L.J. LAWSON, "NEUROLOGICAL FOUNDATIONS OF LANGUAGE" BY N. GESCHWIND, "LANGUAGE PATHOLOGY AND LEARNING DISABILITIES" BY H.J. MCGRADY, AND "EDUCATION FOR CHILDREN WITH LEARNING DISABILITIES" BY M. FROSTIG. THIS DOCUMENT IS AVAILABLE FROM GRUNE/STRATTON, 381 PARK AVENUE SOUTH, NEW YORK, NEW YORK 10016. (DF)

ED 020 606 EC 002 357

PASCH, DOROTHY F. AND OTHERS

CAPIC–FIRST YEAR REPORT, SEPTEMBER 1967.

TOLEDO PUBLIC SCHOOLS, OHIO

REPORT NUMBER RPS-PROJ-66-2012

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$3.24 79P.

DESCRIPTORS— *EXCEPTIONAL CHILD RESEARCH, *IDENTIFICATION, *LEARNING DISABILITIES, *PROGRAM PLANNING, CAPIC, CHILDRENS ASSESSMENT PLACEMENT INSTRUCTION CENTER, CLINICAL DIAGNOSIS, EDUCATION SERVICE CENTERS, EDUCATIONAL DIAGNOSIS, GRANTS, INSTRUCTION, INSTRUCTIONAL IMPROVEMENT, INTERDISCIPLINARY APPROACH, PROJECTS, PUBLIC SUPPORT, RESEARCH PROJECTS, SPECIAL SERVICES, STUDENT PLACEMENT, TEACHER EDUCATION, TOLEDO,

A TITLE III PROJECT OF THE ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965, THE CHILDREN'S ASSESSMENT-PLACEMENT-INSTRUCTION CENTER (CAPIC) STUDIES AND TREATS CHILDREN WHO MANIFEST LEARNING AND DEVELOPMENT PROBLEMS WITH NO RECOGNIZABLE CAUSES. THE REPORT, A LOG OF MAJOR ACTIVITIES CARRIED ON DURING THE PLANNING PERIOD, PRESENTS DEFINITIONS OF 24 TERMS, THE NEED FOR THE PROJECT, ITS ORGANIZATION AND OBJECTIVES, PUBLIC RESPONSE TO THE PROJECT, CHANGES IN GRANT PERIODS AND FUNDING, AND GROWTH PATTERNS. RELATED ACTIVITIES BY PROJECT STAFF ARE REVIEWED. FIVE APPENDIXES PROVIDE - INITIAL SCREENING PROCEDURES FOR PRINCIPALS AND TEACHERS, AN INSERVICE WORKSHOP AGENDA AND ITS EVALUATION, A LIST OF THE TESTS USED BY PSYCHOLOGISTS, THE REPORT FORMS USED BY SOCIAL WORKERS, AND THE MEDICAL FORMS. TEN FIGURES PRESENT DATA AND REPRESENT PLANNED STRUCTURE AND GROWTH. (DF)

ED 020 607 EC 002 393

OUR FIRST 100 YEARS, HIGHLIGHTS OF CENTENNIAL TEACHERS INSTITUTE (MARYLAND SCHOOL FOR THE DEAF, FREDERICK, MARYLAND, MARCH 7-8, 1968).

MARYLAND SCHOOL FOR THE DEAF, FREDERICK

PUB DATE MAR 68

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *AURALLY HANDICAPPED, *EDUCATIONAL NEEDS, *EXCEPTIONAL CHILD EDUCATION, *LEARNING, CEREBRAL DOMINANCE, CHILDREN, CONFERENCE REPORTS, DEAF, EDUCATIONAL METHODS, EVALUATION, NEUROLOGICAL ORGANIZATION, NEUROLOGY, NONVERBAL LEARNING, SPEECHES,

TWO SPEECHES PRESENTED AT THE CENTENNIAL TEACHERS INSTITUTE OF THE MARYLAND SCHOOL FOR THE DEAF IN MARCH 1968 ARE CONTAINED IN THIS BOOKLET ALONG WITH A SHORT HISTORY OF THE SCHOOL AND A LIST OF AGENCIES AND ORGANIZATIONS REPRESENTED. HELMER R. MYKLEBUST, IN "LEARNING AND EDUCATIONAL FAILURE IN DEAF CHILDREN–PSYCHONEUROLOGICAL CONSIDERATIONS," STRESSES THAT THERE IS A NEUROLOGY AS WELL AS A PSYCHOLOGY OF LEARNING AND THAT THE DEAF CHILD IN EARLY LIFE MUST RELY ESSENTIALLY ON NONVERBAL LEARNING. MYKLEBUST ALSO DISCUSSES THE FUNCTIONS OF THE DIFFERENT HEMISPHERES OF THE BRAIN AND THE POSSIBILTY THAT THE BRAIN OF A DEAF PERSON HAS DIFFERENT HEMISPHERE DOMINANCE FROM THAT OF A HEARING PERSON. IMPLICATIONS FOR THE EDUCATION OF THE DEAF ARE CONSIDERED. IN "A DIAGNOSIS OF THE EDUCATION OF THE DEAF," BEN E. HOFFMEYER CONSIDERS THE PARENTAL, PSYCHOLOGICAL, SOCIAL, AND ECONOMIC PRESSURES WHICH HAVE DICTATED THE APPROACH USED IN EDUCATING THE DEAF AND EMPHASIZES THE IMPORTANCE OF ACCOMODATING EDUCATIONAL PROCEDURES TO THE NEEDS OF THE DEAF. (GD)

ED 020 608 EC 002 394

GRAHMA, A. BRUCE, ED.

SENSORINEURAL HEARING PROCESSES AND DISORDERS, HENRY FORD HOSPTIAL INTERNATIONAL SYMPOSIUM (DETROIT, MICHIGAN, MARCH 25-27, 1965).

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *AURALLY HANDICAPPED, *EXCEPTIONAL CHILD RESEARCH, *IDENTIFICATION, AUDIOMETRIC TESTS, AUDITION (PHYSIOLOGY), AUDITORY DISCRIMINATION, AUDITORY EVALUATION, AUDITORY PERCEPTION, AURAL STIMULI, CLINICAL DIAGNOSIS, CONFERENCE REPORTS, DEAF, DISEASES, EARS, ETIOLOGY, EVALUATION TECHNIQUES, HARD OF HEARING, HEARING LOSS, NEUROLOGICAL DEFECTS, PATHOLOGY, PERCEPTUALLY HANDICAPPED, PSYCHOACOUSTICS,

IN ORDER TO PROVIDE BOTH CLINICIAN AND INVESTIGATOR WITH A BETTER UNDERSTANDING OF THE PROBLEMS, CAUSES, IDENTIFICATION, AND HANDLING OF SENSORINEURAL HEARING LOSSES, THE HENRY FORD HOSPITAL INVITED INVESTIGATORS IN PSYCHOACOUSTICS, OTIOLOGY, OTONEUROLOGY, PHSIOLOGY, AND AUDIOLOGY TO SHARE THEIR RESEARCH AND CLINICAL FINDINGS. THE RESULTING 40 PAPERS WERE PRESENTED AT A SYMPOSIUM HELD IN MARCH 1965. GROUPS OF FIVE TO EIGHT PAPERS TREAT THE FOLLOWING AREAS–PROCESSES OF SENSORINEURAL HEARING MECHANISMS, PSYCHOACOUSTIC RESPONSE TO AUDITORY STIMULI, LOCALIZATION OF AUDITORY DISORDERS (CLINICAL MANIFESTATIONS), CLINICAL DIAGNOSTIC PROCEDURES, PATHOLOGY AND MANIFESTATIONS OF SPECIFIC DISEASE ENTITIES, AND SYMPOSIUM SUMMARIES. MOST PAPERS PROVIDE THEIR OWN REFERENCE LISTS, AND MANY CONTAIN TABLES, FIGURES, OR PHOTOGRAPHS. A LIST OF SYMPOSIUM PARTICIPANTS IS GIVEN. THIS DOCUMENT WAS PUBLISHED BY LITTLE, BROWN AND COMPANY, 34 BEACON STREET, BOSTON, MASSACHUSETTS 02016, AND IS AVAILABLE FOR $19.00. (JD)

ED 020 609 48 EC 002 614

MONCUR, JOHN P., ED.

INSTITUTE ON THE UTILIZATION OF SUPPORTIVE PERSONNEL IN SCHOOL SPEECH AND HEARING PROGRAMS (WASHINGTON, D.C., SEPTEMBER 6-8, 1967).

AMERICAN SPEECH AND HEARING ASSN., WASHINGTON,D.C.

REPORT NUMBER BR-6-1784

MARYLAND UNIV., COLLEGE PARK

PUB DATE 67

GRANT OEG-2-7-003243-3243

EDRS PRICE MF-$0.50 HC-$3.32 81P.

DESCRIPTORS— *EXCEPTIONAL CHILD EDUCATION, *PERSONNEL, *SPEECH HANDICAPPED, *SPEECH THERAPY, AUDIOLOGY, CLINIC PERSONNEL (SCHOOL), CONFERENCE REPORTS, COUNSELING, EDUCATIONAL PROGRAMS, GUIDANCE PERSONNEL, HANDICAPPED CHILDREN, HEARING THERAPY, JOB TRAINING, LEGISLATION, MANPOWER DEVELOPMENT, MANPOWER NEEDS, MANPOWER UTILIZATION, NONPROFESSIONAL PERSONNEL, PERSONNEL NEEDS, PHYSICAL THERAPY, SCHOOL NURSES, SCHOOL PERSONNEL, SPEECH PATHOLOGY, TEACHER AIDES, TEACHERS,

INSTITUTE PAPERS TREAT THE UTILIZATION OF SUPPORTIVE PERSONNEL IN SCHOOL SPEECH AND HEARING PROGRAMS. A PREFACE PRESENTS THE INSTITUTE'S PURPOSES, AND AN INTRODUCTION BY THE EDITOR DESCRIBES THE CONCERNS, ATTITUDES, AND CONCLUSIONS OF THE INSTITUTE PARTICIPANTS. THE REPORT INCLUDES THE FOLLOWING 10 SPEECHES–"WELCOME AND INTRODUCTORY REMARKS" BY M.C. FITZGERALD, "THE DEVELOPMENT OF PROFESSIONAL TEAMS IN EDUCATION AND SERVICES FOR THE HANDICAPPED" BY J. GALLAGHER, "NEW CAREERS IN NEW FIELDS" BY A. BRODY, "HELP FOR THE PROFESSIONAL" BY L. GOLDMAN, "EDUCATION" BY D. DAVIES, "NURSING" BY E. ULRICH, "PHYSICAL THERAPY" BY F.S. LINDUFF, "COUNSELING" BY C. MCDANIELS, "OUR CRISIS" BY M. MARGE, AND "SUPPORTIVE PERSONNEL–CURRENT LEGISLATION" BY J.H. SCHEUER. AN APPENDIX LISTS THE INSTITUTE PARTICIPANTS. (JD)

ED 020 610 EC 002 614

BRETHOWER, DALE M.

A REPORT ON CONTINGENCY MANAGEMENT OF VERBAL BEHAVIOR.

MICHIGAN UNIV., ANN ARBOR,CTR.FOR RES.LANG.AND BEH

REPORT NUMBER BR-6-1784

CONTRACT OEC-3-6-061784-0508

EDRS PRICE MF-$0.25 HC-$0.64 14P.

DESCRIPTORS— *BEHAVIOR, *EXCEPTIONAL CHILD RESEARCH, *LANGUAGE, *MENTALLY HANDICAPPED, *REINFORCEMENT, BEHAVIOR CHANGE, LANGUAGE DEVELOPMENT, LANGUAGE FLUENCY, OPERANT CONDITIONING, POSITIVE REINFORCEMENT, PRESCHOOL CHILDREN, TRAINABLE MENTALLY HANDICAPPED, VERBAL OPERANT CONDITIONING, VERBAL STIMULI,

THE STUDY INVESTIGATED SOME OF THE RELATIONSHIPS BETWEEN A CHILD'S VERBAL BEHAVIOR AND ENVIRONMENTAL EVENTS NECESSARY IN ACQUIRING LANGUAGE. TWO

TRAINABLE RETARDATES (FROM A GROUP OF SIX, AGED 3-6 TO 5) WITH A FUNCTIONAL VOCABULARY OF NO MORE THAN TWO OR THREE WORDS WERE SEEN INDIVIDUALLY IN 20- TO 30-MINUTE SESSIONS TWICE A WEEK DURING A 4-MONTH PERIOD. DURING MOST SESSIONS THE SUBJECTS HAD ACCESS TO SIX WOODEN BLOCKS, A PAD OR PAPER, A CRAYON, AND A PACKET OF 4 X 6 CARDS. THE EXPERIMENTER WAS USUALLY SEATED AT A TABLE. PROCEDURES VARIED WITH EACH CHILD, BUT ALL WERE CRUDE CONTINGENCY-MANAGEMENT PROCEDURES. THE MAJOR DEPENDENT VARIABLE WAS THE FREQUENCY OF VOICED VOCALIZATIONS BY THE TWO SUBJECTS. ECHOING VOICED VOCABLIZATIONS RESULTED IN AN INCREASE IN THE FREQUENCY OF VOCALIZATIONS. EYE FIXATION BETWEEN THE SUBJECT AND THE EXPERIMENTER INCREASED WHEN POSITIVELY REINFORCED (CHANGING FACIAL EXPRESSION OR WAVING THE HAND). ONE SUBJECT LEARNED TO RESPOND TO THE COMMAND "T—COME." THE OTHER SUBJECT PERFORMED A COLOR DISCRIMINATION TASK. DATA INTERPRETATION WAS DIFFICULT DUE TO WEAKNESS IN PROCEDURES FOR MEASUREMENT OF THE DEPENDENT VARIABLES. SESSIONS ARE RELATED, AND THREE FIGURES PROVIDE DESCRIPTIVE GRAPHS. SEVEN REFERENCES ARE CITED. (AA/JD)

ED 020 611 EC 002 616

DAVIS, JEROME AND OTHERS

REPORT OF THE GOVERNOR'S COMMISSION TO STUDY THE EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN.

MARYLAND GOVERNORS COMMISSION TO STUDY EDUC. NEEDS

PUB DATE NOV 67

EDRS PRICE MF-$0.25 HC-$1.44 34P.

DESCRIPTORS— *EDUCATIONAL NEEDS, *EXCEPTIONAL CHILD EDUCATION, *LEGISLATION, *PERSONNEL, *STATE PROGRAMS, ADVISORY COMMITTEES, CERTIFICATION, HANDICAPPED CHILDREN, MARYLAND, RECRUITMENT, SCHOLARSHIP LOANS, SCHOLARSHIPS, STATE AID, STATE DEPARTMENTS OF EDUCATION, STATE LEGISLATION, STATE STANDARDS, TEACHER CERTIFICATION, TEACHER EDUCATION, TEACHER RECRUITMENT,

CONCERNED ABOUT DEVELOPING A COORDINATED, COMPREHENSIVE PROGRAM, THE GOVERNOR'S COMMISSION TO STUDY THE EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN IN MARYLAND COMPILED INFORMATION FROM STUDY COMMITTEES, TESTIMONY, AND PERTINENT LITERATURE. EIGHT RECOMMENDATIONS ARE DETAILED IN THE REPORT–(1) THE ESTABLISHMENT OF A GOVERNOR'S INTERDEPARTMENTAL COUNCIL AND ADVISORY COMMITTEE ON THE HANDICAPPED, (2) THE APPROVAL OF PHASE 2 OF THE COMMISION'S PROPOSED 5-YEAR PLAN FOR STATE FUNDING OF SPECIAL EDUCATION PROGRAMS, (3) THE STRENGTHENING OF THE SPECIAL EDUCATION SECTION OF THE MARYLAND STATE DEPARTMENT OF EDUCATION, (4) THE IMMEDIATE INAUGURATION OF LOCAL AND STATE RECRUITMENT PLANS FOR SPECIAL EDUCATION PERSONNEL, (5) STUDENT LOANS AND SCHOLARSHIPS FOR PROFESSIONAL TRAINING, (6) THE ESTABLISHMENT OF A STATE PLAN FOR THE PREPARATION OF PERSONNEL, (7) THE INCORPORATION OF SPECIAL EDUCATION OR REMEDIAL COURSE CONTENT IN THE TRAINING PROGRAM OF GENERAL CLASSROOM TEACHERS, AND (8) A REAPPRAISAL OF STATE CERTIFICATION STANDARDS FOR SPECIAL EDUCATION PERSONNEL. APPENDIXES PRESENT THE HOUSE JOINT RESOLUTION NO. 4, RESPONDENTS TO THE COMMISSION'S REQUEST FOR INFORMATION, THE PROPOSED JOINT RESOLUTION FOR AN INTERDEPARTMENTAL COUNCIL AND ADVISORY COMMITTEE, AND THE PROPOSED SCHOLARSHIP BILL FOR PROFESSIONAL TRAINING. ALSO INCLUDED IN THE REPORT ARE A DESCRIPTION OF THE COMMISSION, A LIST OF ITS MEMBERS, AND EXPLANATIONS OF ITS PURPOSES AND PROCEDURES. TWO TABLES PROVIDE DATA. (AA/JD)

ED 020 612 EC 002 653

CLARK, LESLIE L., ED.

RESEARCH BULLETIN. NUMBER 4.

AMERICAN FOUNDATION FOR THE BLIND, NEW YORK, N.Y.

PUB DATE JAN 64

EDRS PRICE MF-$0.50 HC-$4.96 122P.

DESCRIPTORS— *AUDITORY TRAINING, *EXCEPTIONAL CHILD RESEARCH, *PERCEPTION, *VISUALLY HANDICAPPED, ADULTS, AUDITION (PHYSIOLOGY), AUDITORY DISCRIMINATION, AUDITORY PERCEPTION, AURAL LEARNING, AURAL STIMULI, BLIND, CHILDREN, ECHOLOCATION, ELECTROMECHANICAL AIDS, HAPTIC PERCEPTION, MOBILITY AIDS, RESEARCH PROJECTS, SENSORY AIDS, TRAVEL TRAINING, VISUALLY HANDICAPPED MOBILITY, VISUALLY HANDICAPPED ORIENTATION,

THE FOLLOWING FOUR RESEARCH REPORTS ON ORIENTATION AND MOBILITY FOR THE BLIND BASED ON AURAL INFORMATION ARE CONTAINED IN THIS BULLETIN–"A PSYCHOACOUSTIC STUDY OF FACTORS AFFECTING HUMAN ECHOLOCATION" BY JOHN R. WELCH, "ORIENTATION BY AURAL CLUES" BY IVO KOHLER, "SONAR SYSTEM OF THE BLIND" BY WINTHROP N. KELLOGG, AND "TRIAL OF AN ACOUSTIC BLIND AID" BY J.A. LEONARD AND A. CARPENTER. BIBLIOGRAPHIES FOLLOW EACH REPORT. THIS DOCUMENT IS AVAILABLE FROM THE AMERICAN FOUNDATION FOR THE BLIND, 15 WEST 16TH STREET, NEW YORK, NEW YORK 10011, FOR $1.50. (RS)

ED 020 613 EC 002 656

CLARK, LESLIE L., ED.

RESEARCH BULLETIN. NUMBER 12.

AMERICAN FOUNDATION FOR THE BLIND, NEW YORK, N.Y.

PUB DATE JAN 66

EDRS PRICE MF-$0.50 HC-$3.24 79P.

DESCRIPTORS— *ADJUSTMENT (TO ENVIRONMENT), *EXCEPTIONAL CHILD RESEARCH, *PERCEPTION, *VISUALLY HANDICAPPED, ANXIETY, BLIND, COMMUNITY, COMMUNITY INVOLVEMENT, EMOTIONAL ADJUSTMENT, EMOTIONAL EXPERIENCE, PERSONAL ADJUSTMENT, PERSONALITY, SOCIAL ADJUSTMENT, SOCIAL DEVELOPMENT, TACTUAL PERCEPTION, VISUAL PERCEPTION,

SIX PAPERS OF T.D. CUTSFORTH WERE CHOSEN FOR POSTHUMOUS REPUBLICATION ON THE CRITERION OF RELEVANCE TO CURRENT RESEARCH. THE ARTICLES INCLUDE "THE SYNAESTHESIA OF A BLIND SUBJECT WITH COMPARATIVE DATA FROM AN ASYNAESTHETIC BLIND SUBJECT–CHAPTERS 5 THROUGH 7" (COAUTHORED WITH R.H. WHEELER), "ROLE OF EMOTION IN AN SYNAESTHETIC SUBJECT–SUMMARY AND DISCUSSION," "AN ANALYSIS OF THE RELATIONSHIP BETWEEN TACTUAL AND VISUAL PERCEPTION," "BLINDNESS IS AN ADEQUATE EXPRESSION OF ANXIETY," PERSONALITY AND SOCIAL ADJUSTMENT AMONG THE BLIND," AND "ARE WE TRULY PART OF THE COMMUNITY." REFERENCE LISTS, DIAGRAMS OF EXPERIMENTAL APPARATUS, AND TABLES ARE PROVIDED FOR THE SIX PAPERS. ALSO CITED ARE 22 WORKS BY CUTSFORTH. THIS DOCUMENT IS AVAILABLE FROM THE AMERICAN FOUNDATION FOR THE BLIND, 15 WEST 16TH STREET, NEW YORK, NEW YORK 10011. (CF)

ED 020 614 EC 002 657

RESEARCH BULLETIN. NUMBER 2.

AMERICAN FOUNDATION FOR THE BLIND, NEW YORK, N.Y.

PUB DATE DEC 62

EDRS PRICE MF-$0.50 HC-$4.80 118P.

DESCRIPTORS— *EXCEPTIONAL CHILD RESEARCH, *VISUALLY HANDICAPPED, ADOLESCENTS, ATTITUDES, AURALLY HANDICAPPED, BLIND, BRAILLE, CHILDREN, ELECTROENCEPHALOGRAPHY, EMOTIONAL ADJUSTMENT, ETIOLOGY, INCIDENCE, INTELLIGENCE, MEDICAL EVALUATION, MUTLIPLY HANDICAPPED, PARTIALLY SIGHTED, PERCEPTION, PERSONALITY, READING, RESEARCH NEEDS, RESEARCH PROJECTS, TACTUAL PERCEPTION, TRAVEL TRAINING, VISUALLY HANDICAPPED MOBILITY,

THE FOLLOWING REPORTS CONCERNING RESEARCH WITH THE VISUALLY HANDICAPPED ARE CONTAINED IN THIS BULLETIN–"SELECTED IMPAIRMENTS BY ETIOLOGY AND ACTIVITY LIMITATION, UNITED STATES, JULY 1959-JUNE 1961," "AN EXPERIMENT USING REVISED STIMULUS PRESENTATION" BY S. KARP, "EXPERIMENTS IN TACTUAL PERCEPTION" BY S. KARP, "A STUDY OF BRAILLE CODE REVISIONS" BY G.F. STAACK, "THE ELECTROENCEPHALOGRAM IN PARTIALLY SIGHTED CHILDREN RELATED TO CLINICAL AND PSYCHOLOGICAL DATA" BY G.C. LAIRY AND S. NETCHINE, "PERSONALITY AND ATTITUDES OF BLIND TEEN-AGERS LEARNING CANE TRAVEL" BY R. KRAMER, "THE USE OF THE REMAINING SENSORY CHANNELS (SAFE ANALYZERS) IN COMPENSATION OF VISUAL FUNCTION IN BLINDESS" BY M.I. ZEMTZOVA AND OTHERS, "THE RELATIONSHIP AMONG INTELLIGENCE, EMOTIONAL STABILITY AND AUDITORY CUES BY THE BLIND" BY D. WINER, AND "PSYCHOSOCIAL RESEARCH AND BRAILLE–THE NEED FOR A PROGRAM OF RESEARCH AND DEVELOPMENT" BY M.D. GRAHAM. BIBLIOGRAPHIES ARE INCLUDED FOR MOST OF THE REPORTS. THIS DOCUMENT IS AVAILABLE FROM THE AMERICAN FOUNDATION FOR THE BLIND, 15 WEST 16TH STREET, NEW YORK, NEW YORK 10011, FOR $2.50. (RS)

ED 020 615 EC 002 658

RESEARCH BULLETIN. NUMBER 3.

AMERICAN FOUNDATION FOR THE BLIND, NEW YORK, N.Y.

PUB DATE AUG 63

EDRS PRICE MF-$1.00 HC-$9.00 223P.

DESCRIPTORS— *EXCEPTIONAL CHILD RESEARCH, *VISUALLY HANDICAPPED, ADJUSTMENT (TO ENVIRONMENT), BLIND, CONFERENCE REPORTS, ELECTROMECHANICAL AIDS, ENVIRONMENTAL INFLUENCES, ETIOLOGY, KINESTHETIC PERCEPTION, LEGISLATION, MACHINE TRANSLATION, MOBILITY AIDS, READING, RESEARCH METHODLOGY, SENSORY AIDS, SENSORY EXPERIENCE, TAXONOMY, VISUAL PERCEPTION, VISUALLY HANDICAPPED MOBILITY, WORKSHOPS,

RESEARCH STUDIES RELEVANT TO SOME ASPECT OF VISUAL IMPAIRMENT ARE CONTAINED IN THE BULLETIN. D.M. BAUMANN AND OTHERS REPORT ON THE COLLAPSIBLE CAN, AND T.L. DEFAZIO AND T.B. SHERIDAN ANALYZE THE VIBRATIONS OF THE CANE. J.J. GIBSON CONSIDERS SENSITIVITY, AND J. MICKUNAS, JR., AND T.B. SHERIDAN DISCUSS THE OBSTACLE COURSE IN MOBILITY EVALUATION OF THE BLIND. ALSO INCLUDED ARE THE FOLLOWING–(1) I.F. LUKOFF AND M. WHITEMAN ON INTERVENING VARIABLES AND ADJUSTMENT, (2) H. GOLDSTEIN ON THE NEED FOR SENSORY DEVICES MARKET RESEARCH, (3) J.R. HOCHSTIM ON THREE INFORMATION GATHERING STRATEGIES WITH SOCIOMEDICAL VARIABLES, (4) F.S. COOPER ON READING MACHINES, (5) M.M. GERMANOV ON APPARATUS FOR READING BY THE BLIND OF ORDINARY TYPOGRAPHIC TEXTS, (6) O.G. SELFRIDGE ON VISUAL PATTERN RECOGNITION, AND (7) F.A. WEBSTER ON ACOUSTICAL CONTROL OF AIRBORNE INTERCEPTION BY BATS. FIVE MEN OFFER SHORT DISCUSSIONS ON THE DEFINITION OF BLINDESS–I.P. SCHLOSS, R.E. HOOVER, A.E. BRALEY, J.W. JONES, AND MD. GRAHAM. ALSO INCLUDED ARE THE REPORT OF THE WORKSHOP ON CLASSIFICATION OF CAUSES OF BLINDNESS AND EXCERPTS FROM THE PROCEEDINGS OF THE WORKSHOP ON NOMENCLATURE OF COMMUNICATIVE DISORDERS. THE ARTICLES PROVIDE THEIR OWN REFERENCE LISTS, FIGURES AND TABLES. THIS DOCUMENT IS AVAILABLE FROM THE AMERICAN FOUNDATION FOR THE BLIND, 15 WEST 16TH STREET, NEW YORK, NEW YORK 10011, FOR $2.50. (JD)

ED 020 616 **EC 002 659**
CLARK, LESLIE L., ED.
RESEARCH BULLETIN. NUMBER 11.
AMERICAN FOUNDATION FOR THE BLIND, NEW YORK, N.Y.
PUB DATE OCT 65
EDRS PRICE MF-$0.50 HC-$4.08 108P.
DESCRIPTORS— *EXCEPTIONAL CHILD RESEARCH, *MULTIPLY HANDICAPPED, *VISUALLY HANDICAPPED, ACHIEVEMENT, AUDITORY DISCRIMINATION, AUDITORY PERCEPTION, BEHAVIOR PATTERNS, BLIND, INDIVIDUAL CHARACTERISTICS, INTELLIGENCE, LANGUAGE, MOBILITY AIDS, MUSIC, PERCEPTION, RESEARCH NEEDS, SIMULATION, TESTS, VERBAL ABILITY, VISUALLY HANDICAPPED MOBILITY,
FOUR RESEARCH STUDIES ON THE BLIND ARE PRESENTED–"CANE TRAVEL-TECHNIQUES AND DIFFICULTIES" BY D. LIDDLE, "THE MUSICAL ABILITY OF BLIND CHILDREN" BY DEREK J. PITTMAN, "THE EVALUATION OF VERBAL PERFORMANCE IN MULTIPLY-HANDICAPPED BLIND CHILDREN" BY W. SCOTT CURTIS, AND "THE EVALUATION AND SIMULATION OF MOBILITY AIDS FOR THE BLIND" BY ROBERT W. MANN. SEVERAL OF THE ARTICLES PROVIDE TABLES, OUTLINES, AND REFERENCE LISTS. THIS DOCUMENT IS A PUBLICATION OF THE AMERICAN FOUNDATION FOR THE BLIND, 15 WEST 16TH STREET, NEW YORK, NEW YORK 10011. (JD)

ED 020 617 **EF 000 054**
RUSSELL, JOHN DALE DOI, JAMES I.
MANUAL FOR STUDIES OF SPACE UTILIZATION IN COLLEGES AND UNIVERSITIES.
AMERICAN ASSN. COLL. REGIST./ADMISSIONS OFFICERS
PUB DATE 57
EDRS PRICE MF-$0.75 HC-$5.68 140P.
DESCRIPTORS— *FACILITY INVENTORY, *FACILITY UTILIZATION RESEARCH, *HIGHER EDUCATION, *METHODOLOGY, DATA ANALYSIS, DATA COLLECTION, DATA SHEETS,
THE MANUAL PRESENTS THE FIRST COMPREHENSIVE DOCUMENTATION OF THE FUNCTIONS AND METHODOLOGY FOR PERFORMING A SPACE INVENTORY AND UTILIZATION STUDY AT INSTITUTIONS OF HIGHER EDUCATION. THE INCLUSION OF SAMPLE FORMS AND NORMATIVE DATA FROM 101 INSTITUTIONS COLLECTED DURING 1951 THROUGH 1955 WOULD ENABLE AN INSTITUTION TO–(1) PERFORM A SELF STUDY, AND (2) COMPARE THE RESULTS WITH OTHER INSTITUTIONS OF SIMILAR SIZE, DEGREE OFFERING, AND PUBLIC-NONPUBLIC STATUS IN ORDER TO EVALUATE CURRENT POLICIES AND PRACTICES IN THE ASSIGNMENT, SCHEDULING AND PLANNING OF SPACE. (BH)

ED 020 618 **EF 000 104**
NEW LIFE FOR OLD SCHOOLS. REPORT OF A WORKSHOP FOR REPRESENTATIVES OF THE GREAT CITIES IN RELATION TO THE SPRING CONFERENCE OF THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, (NEW YORK, MAY 1, 1965).
RESEARCH COUN OF GR. CITIES PROG. FOR SCH. IMPROV.
PUB DATE JUN 65
EDRS PRICE MF-$0.50 HC-$4.20 103P.
DESCRIPTORS— *COSTS, *PLANNING, *SCHOOL BUILDINGS, *SCHOOL CONSTRUCTION, *SCHOOL IMPROVEMENT, CONSTRUCTION COSTS, ESTIMATED COSTS, FACILITY GUIDELINES,
A SERIES OF REPORTS ON THE CRITERIA FOR EVALUATING AND PROCEDURES FOR SAVING OLDER SCHOOL BUILDINGS STATES POPULATION NECESSARY, ECONOMIC NECESSITY AND SENTIMENT ARE MAIN REASONS FOR RETAINING OLDER STRUCTURES. THE ADEQUACY OF THE BUILDINGS SHOULD BE EVALUATED IN TERMS OF EDUCATIONAL REQUIREMENTS, ADMINISTRATIVE FUNCTIONS, SAFETY, OPERATIONS AND MAINTENANCE, PUPIL CAPACITY, AESTHETICS, SITE, ADAPTABILITY OF STRUCTURE FOR CONVERSION AND THE FINANCIAL ABILITY OF THE DISTRICT. ORTHER CRITERIA TO BE CONSIDERED ARE–(1) DISPOSITION OF BUILDING IN TERMS OF FIRE RESISTANCE, (2) CAPACITY FOR FUTURE ENROLLMENT, (3) AGE AND NEED FOR REPAIR (4) ENVIRONMENT-LIGHT, HEAT, VENTILATION, (5) DEGREE OF ALTERATION FOR MODERNIZING, (6) LOCATION AND SIZE OF SITE IN RELATION TO FUTURE ENROLLMENT, (7) FACTORS OF COST, AND (8) INTEGRATION AND COMMUNITY REDEVELOPMENT PLANS. THE STUDY INCLUDES THE CRITERIA FOR CONTRACTORS' EVALUATION OF PLUMBING, HEATING, ELECTRICAL FACILITIES, VENTILATION AND STRUCTURAL RENOVATIONS OF THE BUILDINGS. SCHOOL MODERNIZATION PROGRAMS BEING CONDUCTED IN FIFTEEN MAJOR CITIES IN THE UNITED STATES ARE REVIEWED. THIS DOCUMENT IS ALSO AVAILABLE FOR $2.50 FROM THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, 4433 W. TOUHY AVENUE, CHICAGO, ILLINOIS 60645. (GM)

ED 020 619 **EF 000 123**
NORTH, STEWART D.
TO CREATE A SCHOOL, A DESIGN FOR WORKING RELATIONSHIPS.
WISCONSIN ASSN. OF SCHOOL BOARDS, WINNECONNE
PUB DATE 65
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *CONSTRUCTION PROGRAMS, *FACILITIES, *FACILITY GUIDELINES, *PUBLIC SCHOOL SYSTEMS, *SCHOOL PLANNING, EDUCATIONAL SPECIFICATIONS, PROGRAM BUDGETING, PROGRAM DESIGN, SCHOOL CONSTRUCTION, SITE SELECTION, WISCONSIN,
BUILDING PROGRAMS ARE GROUPED IN THREE MAJOR PHASES. PHASE ONE IS PLANNING FOR A SCHOOL BUILDING. INVOLVEMENT AND/OR IDENTIFICATION OF CONCERNED PARTY(S) FROM COMMUNITY GROUPS, SCHOOL BOARD, ADMINISTRATION, STAFF, STUDENTS, CONSULTANTS, STATE AGENCIES, LOCAL GOVERNMENTS, LEGAL COUNSEL, ARCHITECT, CONTRACTORS AND ENGINEERS IS STRESSED. NEED FOR LONG RANGE PLANNING IN DISTRICT-WIDE EDUCATIONAL NEEDS SURVEY IS EMPHASIZED. DETAILED STEPS FOR FINANCIAL PLANNING, SELECTION OF ARCHITECT, AND CHOOSING THE SITE ARE GIVEN. THE SECOND PHASE IS PLANNING THE BUILDING. SCOPE, TIME, AND DEVELOPMENTAL ASPECTS OF EDUCATIONAL SPECIFICATIONS ARE DETAILED. ARCHITECTURAL PROCEDURES ARE DISCUSSED REGARDING SCHEMATIC, DESIGN, AND CONSTRUCTION DOCUMENTATION. THE THIRD PHASE IN IMPLEMENTING THE BUILDING PLAN CONCERNS CONSTRUCTION BIDDING, CONTRACT AWARDS, CONSTRUCTION MONITORING, PAYMENT GUIDELINES, LIABILITY AND PERFORMANCE BOND RISK COVERAGES, AND BUILDING ACCEPTANCE PROCEDURES. AMONG THE MANY FINAL STEPS OF PUTTING THE BUILDING INTO OPERATION, RECORDED EVALUATIONS OF CONSTRUCTION CHANGES AND BUILDING DEFICIENCIES ARE STRESSED TO AVOID FUTURE BUILDING PROGRAM ERRORS. APPENDICES CONTAIN SAMPLE FORMS FOR BUILDING COST ESTIMATING, ARCHITECT EVALUATION, ARCHITECT-OWNER AGREEMENTS, SITE SURVEYS, EDUCATIONAL SPECIFICATION OUTLINES, CONTRACTOR PRE-QUALIFICATION, AND A BIBLIOGRAPHY FOR SCHOOL PLANNERS. COPIES ARE AVAILABLE FROM WISCONSIN ASSOCIATION OF SCHOOL BOARDS, WINNECONNE, WISC. (RP)

ED 020 620 **EF 000 236**
HOWATT, CLARKE T.
RESEARCH IN CLASSROOM THERMAL ENVIRONMENT AT GARDENHILL SCHOOL IN LA MIRADA, CALIFORNIA.
UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES
PUB DATE 61
EDRS PRICE MF-$0.50 HC-$2.48 60P.
DESCRIPTORS— *AIR CONDITIONING EQUIPMENT, *HEATING, *THERMAL ENVIRONMENT, CALIFORNIA, CLASSROOM ENVIRONMENT, CLIMATE CONTROL, TEMPERATURE,
THIS IS A FINAL REPORT OF A STUDY OVER A FOURTEEN MONTH PERIOD FROM APRIL, 1959 TO JUNE, 1960 OF HEATING AND COOLING TWO SCHOOL CLASSROOMS AND A COMPARISON WITH A THIRD CLASSROOM IN WHICH THERE WAS HEATING AND FRESH AIR CIRCULATION ONLY. ALL THREE ROOMS HAD AN AIR-FLOW DISTRIBUTION SYSTEM. A TYPHOON HEAT PUMP PROVIDED HEATING AND COOLING IN ONE ROOM AND AN ARKLA-SERVEL ABSORPTION UNIT SERVED THE OTHER. THE THIRD ROOM WAS HEATED BY A HAYES DIRECT FIRED GAS FURNACE. OBJECTIVES OF THE STUDY WERE–(1) TO DETERMINE THERMAL DIFFERENCES BETWEEN THE TWO ROOMS WHICH WERE HEATED AND COOLED AND THE THIRD WHICH HAD ONLY HEATING AND VENTILATION, (2) TO DETERMINE HOURS OF COOLING AND HEATING, (3) TO DETERMINE COOLING LOADS AS THEY VARY WITH OUTSIDE TEMPERATURE AND THE EFFECT OF AIRFLOOR, AND (4) TO DETERMINE UTILITIES CONSUMPTION OF THE HEAT PUMP, ABSORPTION UNIT, AND THE CONVENTIONAL FURNACE. NUMEROUS VARIABLES WERE CONTROLLED FOR MORE ACCURATE COMPARISON. A SUPPLEMENT CONTAINS AN OPERATING COST ANALYSIS. (RH)

ED 020 621 **EF 000 308**
HARMON, DARELL BOYD
THE CO-ORDINATED CLASSROOM.
AMERICAN SEATING CO., GRAND RAPIDS, MICH.
PUB DATE 51
EDRS PRICE MF-$0.25 HC-$2.16 52P.
DESCRIPTORS— *DESIGN, *ENVIRONMENT, *FURNITURE, *LIGHTING, BUILDING DESIGN, CLASSROOM ENVIRONMENT, CLASSROOM FURNITURE, EDUCATIONAL EQUIPMENT, FURNITURE DESIGN, SCHOOL DESIGN, TEXAS,
THIS REPORT EXPLICATES THE PHYSICAL RELATIONSHIP OF THE CHILD TO HIS CLASSROOM ENVIRONMENT IN TERMS OF LIGHT CONTROL. THE STUDY SHOWS HOW SHADOWS, GLARE, INADEQUATE LIGHT DISTRIBUTION, DESKS AND DESK POSITIONS AFFECT THE CHILD'S PHYSIOLOGICAL AND PSYCHOLOGICAL WELL-BEING. A COMPARATIVE STUDY WAS MADE BETWEEN A CONTROL SCHOOL AND AN EXPERIMENTAL SCHOOL TO MEASURE LEARNING ACHIEVEMENT IN A LIGHT CONTROLLED AND NON-LIGHT CONTROLLED ENVIRONMENT. THE EFFECTS OF LIGHT DIFFUSION ON DESKS, CHALBOARDS, INTERIOR WALLS AND CEILINGS ARE EXAMINED IN RELATION TO THE CHILD'S VISION AND POSTURE. THE REPORT ALSO PRESENTS A STUDY ON THE RELATIONSHIP BETWEEN VISUAL, DENTAL AND POSTURE PROBLEMS AND BODY STRESS. THIS PUBLICATION IS ALSO AVAILABLE UPON REQUEST FROM AMERICAN SEATING COMPANY, GRAND RAPIDS, MICHIGAN. (GM)

ED 020 622 **EF 000 483**
CARPENTER, C.R. AND OTHERS
A FACULTY OFFICE STUDY. DESIGN AND EVALUATION.
PENNSYLVANIA STATE UNIV., UNIVERSITY PARK
PUB DATE DEC 61
EDRS PRICE MF-$0.25 HC-$1.00 23P.
DESCRIPTORS— *BUILDING DESIGN, CONSTRUCTION NEEDS, DESIGN NEEDS, FACILITY CASE STUDIES, FACILITY GUIDELINES, HIGH EDUCATION, MODELS, OFFICES (FACILITIES),
ASSUMING THAT ADEQUATE OFFICES FOR SERVING THE NEEDS OF FACULTY AND STAFF MEMBERS SHOULD BE PLANNED AND CONSTRUCTED AS INTEGRAL PARTS OF FACILITIES, RESEARCH WAS CONDUCTED AND RESULTS REPORTED ON THE DESIGN OF A TWO-PERSON FACULTY AND/OR STAFF OFFICE. A FULL SCALE, PROTOTYPE MODEL WAS DEVELOPED FOR THE TWO-PERSON OFFICE AND TESTED FOR ECONOMICAL EFFECTIVENESS, POSSIBLE COMBINATIONS WITH OTHER OFFICE SPACES AND RELATED FACILITIES. OFFICE LOCATION, SPATIAL ARRANGEMENTS FOR

STAFF OFFICES, AND OTHER SUBJECTS ARE DISCUSSED PRIOR TO PRESENTING THE RESEARCH RESULTS. THE EXPERIMENTAL METHOD, PROTOTYPE MODEL, SOLUTIONS, AND THE TEST RESULTS ARE DESCRIBED. COMMUNICATION EFFICIENCY, CIRCULATION PATTERNS, AND CONSTRUCTION DESIGN ARE EVALUATED FROM THE BASIC MODEL AS ARE SIMILAR OFFICE MODULES TO TEST FLEXIBILITY, EXPANDIBILITY, AND CONVERTABILITY. THE APPENDICES CONTAIN THE QUESTIONNAIRE FORM AND STATEMENTS FROM FACULTY INTERVIEWS USED IN THE EVALUATION PROCEDURE. THE IDEA OF PROVIDING A FULL-SCALE MODEL OF SEVERAL OF THE PROPOSED OFFICES AND EVALUATING THEM PRIOR TO DESIGN FOR PERMANENT BUILDINGS IS A TECHNIQUE WHICH WOULD APPEAR TO BE APPROPRIATE FOR THE SOLUTION OF A NUMBER OF PROBLEMS WHICH CONFRONT DESIGNERS OF EDUCATIONAL FACILITIES. (BH)

ED 020 623 **EF 000 492**

COLOR PLANNING FOR HOSPITALS AND SCHOOLS.

MOBIL FINISHES COMPANY INC., CHICAGO, ILL.

PUB DATE OCT 62

EDRS PRICE MF-$0.25 HC-$1.72 41P.

DESCRIPTORS— *BUILDING DESIGN, *COLOR PLANNING, *DESIGN NEEDS, *ENVIRONMENTAL INFLUENCES, *SCHOOL PLANNING, ILLUMINATION LEVELS, PHYSICAL ENVIRONMENT, SPACE UTILIZATION, VISUAL PERCEPTION,

THE AIM OF THIS MANUAL PREPARED FOR ARCHITECTS AND BUILDERS IS TO PROVIDE FOR COLOR PLANNING IN HOSPITALS AND SCHOOLS AND ALTHOUGH APPROPRIATE FOR THE SELECTION OF ALL INTERIOR SURFACE MATERIALS IN NEW CONSTRUCTION. IN SCHOOL, AND INDIVIDUAL'S EXPOSURE TO DECORATION IS REPEATED DAILY FOR BOTH STUDENTS AND STAFF ATTEND AT LEAST FOR THE SCHOOL SEMESTER. A FULL RANGE OF CONTRASTS AND COLOR CHOICE CAN BE EFFECTIVE. IN THE CLASSROOM, CONTROL OF EXCESSIVE BRIGHTNESS CONTRASTS DUE TO NATURAL OR ARTIFICIAL LIGHTING IS IMPORTANT TO THE CHOICE OF ROOM COLORS. A COLOR CHART IS INCLUDED SHOWING A PALETTE OF 25 COLORS, SPECIFICALLY ARRANGED TO ILLUSTRATE THE CONCEPT OF CONTRAST LEVEL. COLOR PLANNING FOR FLOORING IN SCHOOLS, CORRIDORS AND STAIRWELLS, DOORS AND TRIM, CLASSROOMS, AND OTHER FACILITIES IS DISCUSSED ALONG WITH COLOR SKETCH EXAMPLES. (RK)

ED 020 624 **EF 000 672**

LIEBESKIND, MORRIS

DESIGN AND CONSTRUCTION OF SCHOOL BUILDINGS. PROCEEDINGS, ASSOCIATION OF SCHOOL BUSINESS OFFICIALS OF THE UNITED STATES AND CANADA, ANNUAL MEETING AND EDUCATIONAL EXHIBIT, (50TH SAN FRANCISCO, CALIFORNIA, OCTOBER 71-22, 1964).

ASSOCIATION OF SCHOOL BUSINESS OFFICIALS, CHICAGO

PUB DATE 65

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *BUILDING DESIGN, *COMPUTERS, *CRITICAL PATH METHOD, *PROGRAMING, *SCHOOL CONSTRUCTION, INFORMATION PROCESSING, MODELS, NETWORKS, SCHEDULING, SYSTEMS ANALYSIS,

PROBLEMS IN THE SCHEDULING AND COMPLETION OF SCHOOL BUILDING DESIGN AND CONSTRUCTION PROJECTS ARE DISCUSSED WITH REFERENCE TO THE CRITICAL PATH METHOD OF PROGRAMING. THE DISCUSSION GIVES A BROAD OVERVIEW OF THE METHOD WITH DETAILED SUGGESTIONS FOR SCHOOL ADMINISTRATORS. SPECIFIC SUBJECT AREAS INCLUDE–(1) CPM, A NEW MANAGEMENT TOOL, (2) CPM DEFINED, (3) THE BAR DIAGRAM–ITS DISADVANTAGES, (4) METHODS OF USING CPM IN CONSTRUCTION, (5) CPM SPECIFICATION REQUIREMENTS, AND (6) BENEFITS AND ADVANTAGES OF CPM TO SCHOOL BUSINESS OFFICIALS. THE PROBLEMS AND PRACTICES OF USING COMPUTER PROGRAMING WITH CPM ARE DISCUSSED, INCLUDING THE DETAILS OF PROGRESS COMPUTER RUNS. EXAMPLES ARE DRAWN FROM THE APPLICATION OF CPM BY THE BOARD OF EDUCATION, CITY OF NEW YORK, AND A SPECIFIC JUNIOR HIGH SCHOOL IN THE BRONX. SOME REFERENCES ARE INCLUDED FOR FURTHER BACKGROUND READING IN CPM. THE ENTIRE PROCEEDINGS OF THIS MEETING ARE AVAILABLE FROM CHARLES W. FOSTER, OFFICE OF THE EXECUTIVE SECRETARY, 2424 WEST LAWRENCE AVENUE, CHICAGO, ILLINOIS 60624 FOR $5.00. (MM)

ED 020 625 **EF 000 895**

JACKOBSON, LEO AND OTHERS

CARS ON CAMPUS. A REPORT ON CIRCULATION AND PARKING POLICIES FOR THE UNIVERSITY OF WISCONSIN CAMPUS, IN MADISON.

WISCONSIN UNIV., MADISON, CAMPUS PLANNING COMM.

PUB DATE 01 APR 64

EDRS PRICE MF-$0.50 HC-$3.24 79P.

DESCRIPTORS— *MOTOR VEHICLES, *PARKING AREAS, *PEDESTRIAN TRAFFIC, CAMPUSES, SERVICE VEHICLES, TRAFFIC CIRCULATION, TRAFFIC CONTROL, TRAFFIC PATTERNS, VEHICULAR TRAFFIC,

THIS REPORT IS AN INVESTIGATION INTO THE PROBLEMS ARISING FROM INCREASED VEHICULAR USAGE ON THE UNIVERSITY OF WISCONSIN, MADISON CAMPUS, AND SUBSEQUENT RECOMMENDATIONS FOR SOLUTIONS OF THESE PROBLEMS. POLICY STATEMENTS ARE DIRECTED TOWARD SUCH AREAS AS–(1) PEDESTRIAN CIRCULATION, (2) BICYCLE CIRCULATION, (3) VEHICULAR CIRCULATION, (4) PARKING CONTROL, (5) BUS TRANSPORTATION, (6) SERVICE VEHICLES, (7) PARKING FACILITIES FOR FACULTY AND STAFF, (8) VISITOR PARKING, AND (9) STUDENT PARKING. DATA SUCH AS PROJECTED ENROLLMENT, STUDENT VEHICLE REGISTRATION, FACULTY PARKING REQUIREMENTS AND NUMBER OF VISITORS REQUIRING PARKING SPACE ARE UTILIZED IN THE STUDY. GRAPHICS ARE USED TO REPRESENT TRAFFIC PATTERNS, CIRCULATION CONFLICTS, TRAFFIC CONTROL, AND PARKING POLICIES. IMPLEMENTATION PROCEDURES FOR FINANCING AND ADMINISTRATION OF PARKING FACILITIES ARE SUGGESTED. (BH)

ED 020 626 **EF 001 303**

SPACE INVENTORY AND UTILIZATION MANUAL FOR THE COMPREHENSIVE FACILITIES PLANNING STUDY.

ARKANSAS STATE COMM. ON COORD. OF HIGH. ED.FINANCE

PUB DATE JAN 67

EDRS PRICE MF-$0.25 HC-$1.92 46P.

DESCRIPTORS— *FACILITY INVENTORY, *GLOSSARIES, *HIGHER EDUCATION, *METHODOLOGY, *SPACE CLASSIFICATION, DATA COLLECTION, DATA SHEETS, EDUCATIONAL FACILITIES, LITTLE ROCK, MASTER PLANS,

THIS MANUAL DIRECTS THE COMPILATION OF SPACE DATA SUCH AS INVENTORIES AND UTILIZATION RATES OF HIGHER EDUCATION INSTITUTIONS IN THE STATE OF ARKANSAS. IT IS INTENDED TO BE THE WORKING MANUAL FOR THE FIRST PHASE OF A COMPREHENSIVE MASTER PLAN WHICH WILL BE CONDUCTED IN THE FISCAL YEARS 1968 AND 1969. THE MANUAL CONTAINS PROCEDURES FOR CONDUCTING A FACILITY INVENTORY AND SPACE UTILIZATION RESEARCH, DEFINITIONS OF TERMS USED IN THE INVENTORY OF ROOMS, BUILDINGS, AND SITES, THE NECESSARY DATA FORMS TO BE USED FOR THE INVENTORY AND INSTRUCTIONS FOR COMPLETING THE INVENTORIES. THE APPENDIXES ARE DIRECTED TO PROVIDING SPECIFIC INFORMATION FOR THE ARKANSAS PUBLIC INSTITUTIONS OF HIGHER EDUCATION. (BH)

ED 020 627 **24** **EF 001 322**

MCGUFFEY, C.W.

AN EVALUATION STUDY OF THE COLLEGE FACILITIES PROGRAM. FINAL REPORT.

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

PUB DATE JUL 67

GRANT OEG-1-7-070959-3491

EDRS PRICE MF-$0.75 HC-$6.16 152P.

DESCRIPTORS— *EDUCATIONAL FACILITIES, *FACILITY EXPANSION, *HIGHER EDUCATION, *PROGRAM EVALUATION, *STATE FEDERAL AID, CONSTRUCTION PROGRAMS, ENROLLMENT TRENDS, EVALUATION, FINANCIAL SUPPORT, STUDENT COSTS,

IMPACT, EFFECTIVENESS, AND RESULTS OF THE HIGHER EDUCATION FACILITIES ACT OF 1963 ARE EVALUATED. DATA FOR FY 65 AND FY 66 ON THE NUMBER OF APPLICANTS OF FEDERAL AID, CAPITAL OUTLAY FOR FY 63 AND FY 64, UNDERGRADUATE TUITION AND FEES, AND INFORMATION FROM REPRESENTATIVES OF 43 INSTITUTIONS AND NINE STATE COMMISSIONS ARE UTILIZED. CONCLUSIONS REPORTED ARE–(1) THE COLLEGE FACILITIES PROGRAMS HAVE CONTRIBUTED SIGNIFICANTLY TO ACCOMODATING INCREASING ENROLLMENTS, (2) FEDERAL FUNDS HAVE SUPPLEMENTED MONIES FROM NON-FEDERAL SOURCES TO INCREASE AVAILABILITY OF PHYSICAL FACILITIES, (3) PUBLIC INSTITUTIONS HAVE BENEFITED MOST FROM TITLE I AND II FUNDS, WHILE PRIVATE INSTITUTIONS HAVE BENEFITED MORE FROM TITLE III FUNDS, (4) DATA AVAILABLE CLEARLY REVEALS AN INCREASE IN THE CAPACITY ENROLLMENT RATIO FOR ALL INSTITUTIONS WHILE THE ONLY TYPE OF INSTITUTION WITH A REDUCTION IN RATIO WAS THE UNIVERSITY GROUP, (5) THE FACILITIES ACT HAS HAD A FAVORABLE IMPACT ON THE ACADEMIC PROGRAMS OF PARTICIPATING INSTITUTIONS, (6) DATA REGARDING THE IMPACT OF THE PROGRAM ON UNDERGRADUATE TUITION AND FEES REVEALS NO SIGNIFICANT RELATIONS, AND (7) PARTICIPATING INSTITUTIONS GENERALLY HAVE REACTED FAVORABLY TO THE FACILITIES PROGRAMS. THE PROGRAM HAS STIMULATED FUND RAISING, PARTIALLY SATISFIED THE GROWING NEEDS FOR EXPANDED FACILITIES, ENCOURAGED BETTER PLANNING, AND ENHANCED PROGRAM IMPROVEMENTS. (BH)

ED 020 628 **EF 001 328**

SCHOOL LIGHTING

PUB DATE JUN 65

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *AUDITORIUMS, *INNOVATION, *LIGHTING, *MAINTENANCE, *WINDOWLESS ROOMS,

SEVERAL ARTICLES ON SCHOOL LIGHTING ARE CONTAINED IN THIS JOURNAL. THE TITLES AND AUTHORS INCLUDED ARE AS FOLLOWS–(1) "TODAY'S CONCEPTS IN SCHOOL LIGHTING" BY CHARLES D. GIBSON, (2) "CHALLENGE OF TOMMORROW'S LIGHTING" BY S.K. GUTH AND E.H. WITTE, (3) "PEEK PREVIEW OF THE WINDOWLESS SCHOOL" BY JAMES J. MORISSEAU, (4) "MAINTENANCE BEGINS BEFORE INSTALLATION" BY JOHN H. WANSKA, (5) "QUALITY 'N' QUANTITY OF LIGHT AND ITS INCREMENTS" BY H. RICHARD BLACKWELL, (6) "-PROTECTIVE LIGHTING AUTOMATION" BY WARREN A. PETERSEN, (7) "GLASS BRIGHTENS OWN FUTURE" J.W. GERMAN, (8) "RESOLVE 3 PROBLEMS ON A SINGLE PLANE" BY E.S. GRAYBILL, (9) "ILLUMINATION OF THE MATTER...AND THE MIND" BY OTTO F. WENZLER, (10) "WELL-PLANNED AUDITORIUM IS FUNCTIONAL SHOWPLACE", (11) "LET YOUR SCHOOL SHINE" BY R.P. LINSAY, (12) "OL' SCHOOL GETS NEW LIGHT...LIFE" BY GEORGE E. DOLAN, AND (13) "NEW PRODUCTS IN THE FIELD." COPIES MAY BE OBTAINED BY WRITING THE EDITOR, AMERICAN SCHOOL BOARD JOURNAL, BRUCE PUBLISHING COMPANY, 400 NORTH BROADWAY, MILWAUKEE, WISCONSIN 53211. (RK)

ED 020 629 **EF 001 391**

LARSON, C. THEODORE

ENVIRONMENTAL ABSTRACTS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 1.
MICHIGAN UNIV., ANN ARBOR,COLL.OF ARCHITEC. DESIGN
REPORT NUMBER SER-1
PUB DATE FEB 65
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ACOUSTICAL ENVIRONMENT, *BEHAVIOR, *ENVIRONMENTAL RESEARCH, *LIGHTING, *SOCIAL ENVIRONMENT, ENVIRONMENTAL INFLUENCES,
A COLLECTION OF ANNOTATED ABSTRACTS PRESENTING THE REFERENCE DOCUMENTS WHICH WERE SELECTED BY THE SCHOOL ENVIRONMENT RESEARCH PROJECT. THEY REVIEW THE EXISTING LITERATURE OFFERING SIGNIFICANT DESCRIPTIONS OF THE VARIOUS RELATIONSHIPS THAT LINK ENVIRONMENT WITH HUMAN BEHAVIOR. THE INDIVIDUAL ABSTRACTS WILL PROVIDE OTHERS INTERESTED IN THIS AREA OF INVESTIGATION WITH A TIME-SAVING FUND OF INTERDISCIPLINARY BACKGROUND DATA. SECTIONS DEALT WITH INCLUDE THE FOLLOWING--(1) ENVIRONMENT AND THE HUMAN SENSES, (2) BEHAVIOR AND THE ATMOSPHERIC ENVIRONMENT, (3) BEHAVIOR AND THE LUMINOUS ENVIRONMENT, (4) BEHAVIOR AND THE SONIC ENVIRONMENT, AND (5) BEHAVIOR AND THE SOCIAL ENVIRONMENT. ALSO INCLUDED IS AN INDEX OF REFERENCE DATA AUTHORS. COPIES MAY BE OBTAINED UNDER CODE NO. 00874 FROM PUBLICATIONS DISTRIBUTION SERVICE, UNIVERSITY OF MICHIGAN, 615 E. UNIVERSITY, ANN ARBOR, MICHIGAN 48106. PRICE $15.00. (RK)

ED 020 630 EF 001 392
LARSON, C. THEODORE
ENVIRONMENTAL EVALUATIONS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 2.
MICHIGAN UNIV., ANN ARBOR,COLL.OF ARCHITEC. DESIGN
REPORT NUMBER SER-2
PUB DATE MAY 65
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ENVIRONMENTAL CRITERIA, *ENVIRONMENTAL INFLUENCES, *ENVIRONMENTAL RESEARCH, *PHYSICAL ENVIRONMENT, *SCHOOL ENVIRONMENT, ACOUSTICAL ENVIRONMENT, CLIMATE CONTROL, CONTROLLED ENVIRONMENT, HUMAN ENGINEERING, LIGHTING, PHYSICAL DESIGN NEEDS, PSYCHOLOGICAL DESIGN NEEDS, SOCIAL ENVIRONMENT, TEMPERATURE, THERMAL ENVIRONMENT, VISUAL ENVIRONMENT,
A COLLECTION OF SIX TECHNICAL PAPERS REPRESENTING AN ATTEMPT TO SUMMARIZE AND EVALUATE THE PRESENT STATE OF KNOWLEDGE CONCERNING THE VARIOUS ENVIRONMENTAL ASPECTS AFFECTING HUMAN BEHAVIOR IN GENERAL, AND LEARNING IN PARTICULAR. THE FIRST CONCERNS THE INTERACTIONS OF MAN AND HIS ENVIRONMENT. THE SECOND RELATES TO SPACE AS A COMPONENT OF ENVIRONMENT. THE THIRD PAPER CONCERNS THE THERMALLY RELATED ENVIRONMENT AND ITS EFFECT ON MAN. THE FOURTH RELATES TO THE LUMINOUS ENVIRONMENT AND ITS EFFECT ON MAN. THE FIFTH RELATES TO THE SONIC ENVIRONMENT AND ITS EFFECT ON MAN, AND THE SIXTH INVESTIGATES THE SOCIAL ENVIRONMENT AND THE LEARNING SITUATION IN TERMS OF ELEMENTS OF THE TEACHING-LEARNING SITUATION AND AREA OF THE SOCIAL ENVIRONMENT. BIBLIOGRAPHIES AND NOTES ON THE AUTHORS ARE INCLUDED. COPIES MAY BE OBTAINED UNDER CODE NO. 00875 FROM PUBLICATIONS DISTRIBUTION SERVICE, UNIVERSITY OF MICHIGAN, 615 E. UNIVERSITY, ANN ARBOR, MICHIGAN 48106. PRICE $5.00. (MH)

ED 020 631 EF 001 571
MATTOX, ROBERT F.
PLANNING THE CAMPUS BY COMPUTER.
PUB DATE MAR 68
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *COLLEGE PLANNING, *COMPUTER PROGRAMS, *FACILITY GUIDELINES, *SCHEDULING, *STUDENT NEEDS, CLASS SIZE, COCURRICULAR ACTIVITIES, DECISION MAKING, DISPLAY SYSTEMS, ENROLLMENT PROJECTIONS, INFORMATION PROCESSING, SIMULATION,
PROBLEMS OF CAMPUS PLANNING ARE DISCUSSED IN TERMS OF COMPUTER ANALYSIS OF SCHEDULED AND NONSCHEDULED ACTIVITIES. ESTIMATION OF SPACE NEEDS FOR SCHEDULED CAMPUS ACTIVITIES INCLUDES-(1) TOTAL ENROLLMENT, (2) DISTRIBUTION OF MAJORS, (3) DISTRIBUTION OF CLASS TIME TO DEPARTMENTS, (4) DEPARTMENT LOADS, (5) DISTRIBUTION TO LECTURE LAB, (6) DISTRIBUTION TO CLASS SIZE, AND (7) SUMMARY BY DEPARTMENT, CLASS SIZE OR ACTIVITY. THE DISCUSSION OF NONSCHEDULED ACTIVITIES INCLUDES RESEARCH USING STUDENT DIARIES OF ACTIVITIES, TIMES, AND LOCATIONS, WITH COMPUTER ANALYSIS AND PLOTTING OF DATA. COMPUTER PROGRAMS HAVE ALSO BEEN DEVELOPED TO SIMULATE THE CHANGING UNIVERSITY IN TERMS OF ITS SPACE AND ACTIVITIES. THE USE OF THE COMPUTER IN THE PLANNING PROCESS INCLUDES PROCESSING AND DISPLAYING INFORMATION, EXPRESSING RELATIONSHIPS OF COMPONENTS, MODELING CHANGES AND THE EFFECTS OF PLANNING DECISIONS. THIS ARTICLE APPEARED IN THE MARCH 1968 ISSUE OF ARCHITECTURAL AND ENGINEERING NEWS. COPIES MAY BE OBTAINED BY WRITING THE EDITOR, 51 UPPER MONTCLAIR PLAZA, UPPER MONTCLAIR, NEW JERSEY 07043. (MM)

ED 020 632 24 EF 001 594
MYRICK, RICHARD MARX, BARBARA S.
AN EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT.
GEORGE WASHINGTON UNIV., WASHINGTON, D.C.
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
PUB DATE MAY 68
GRANT OEG-5-10-426
EDRS PRICE MF-$0.50 HC-$4.20 103P.
DESCRIPTORS— *GROUP BEHAVIOR, *HIGH SCHOOLS, *INTERACTION, *SCHOOL DESIGN, *SPATIAL RELATIONSHIP, GROUP DISCUSSION, INTERVIEWS, PSYCHOLOGICAL NEEDS, QUESTIONNAIRES, SCHOOL SPACE, STUDENT NEEDS,
AN EXPLORATORY STUDY WAS MADE OF THE INFLUENCE OF HIGH SCHOOL BUILDING DESIGN UPON THE QUALITY AND QUANTITY AT STUDENT INFORMAL INTERACTIONS, AND THE NATURE AND CONTENT OF SUCH INTERACTIONS. THREE HIGH SCHOOLS WERE STUDIED, AND QUESTIONNAIRES AND INTERVIEWS WERE USED WITH THE 1631 STUDENTS IN THE TOP TWO GRADES. CONCEPTS WHICH WERE IDENTIFIED INCLUDED--(1) SYMBOLIC OWNERSHIP OF SPACES, (2) PSYCHOLOGICAL CENTERS, (3) STUDENT SOCIAL SCHEDULES, (4) MIX, AND (5) COHESIVE VERSUS ISOLATING BUILDINGS. CENTRAL OR COHESIVE BUILDING LAYOUTS PRODUCED LARGER NON-ACADEMIC GROUP DISCUSSIONS, WHILE EXTENDED OR ISOLATING LAYOUTS RESULTED IN SMALLER GROUPS, AND MORE ACADEMIC DISCUSSION. (MM)

ED 020 633 EF 001 614
WIDDALL, KENNETH R.
SELECTED REFERENCES FOR PLANNING HIGHER EDUCATION FACILITIES.
COUNCIL OF EDUC. FACILITY PLANNERS, COLUMBUS, OHIO
PUB DATE 68
EDRS PRICE MF-$0.50 HC-$4.12 101P.
DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *CAMPUS PLANNING, *EDUCATIONAL FACILITIES, *EDUCATIONAL PLANNING, *HIGHER EDUCATION, COLLEGE PLANNING, COLUMBUS, MASTER PLANS, METHODS, OHIO,
THIS COMPREHENSIVE AND CAREFULLY ANNOTATED BIBLIOGRAPHY PRESENTS IDEAS AND LISTS NUMEROUS RESOURCES FOR THE PERSON SEEKING GENERAL AND SPECIFIC INFORMATION IN PLANNING HIGHER EDUCATION FACILITIES. THE DOCUMENTS ARE CATALOGED INTO GENERAL TOPICAL AREAS OF--(1) ORIENTATION TO EDUCATIONAL FACILITY PLANNING, (2) DEVELOPING A MASTER PLAN FOR PLANT EXPANSION, (3) PLANNING THE INDIVIDUAL SCHOOL, (4) PLANNING THE TECHNICAL ASPECTS, AND (5) ADMINISTERING THE PLANT EXPANSION PROGRAM. COPIES ARE ALSO AVAILABLE AT $2.50 EACH FROM THE COUNCIL OF EDUCATIONAL FACILITY PLANNERS, 29 WEST WOODRUFF AVENUE, COLUMBUS, OHIO 43210. (BH)

ED 020 634 EF 001 660
DEVELOPMENT PROSPECTUS. THE ART OF THE POSSIBLE.
RICKS AND KENDRICK, FORT WALTON BEACH, FLA.
FLORIDA ST. DEPT. OF EDUCATION, TALLAHASSEE
PUB DATE 63
EDRS PRICE MF-$1.00 HC-$8.92 221P.
DESCRIPTORS— *ADULT EDUCATION PROGRAMS, *ARCHITECTURAL ELEMENTS, *CAMPUS PLANNING, *COMMUNITY COLLEGES, *SITE DEVELOPMENT, EDUCATIONAL SPECIFICATIONS, FACILITY EXPANSION, FACILITY GUIDELINES, JUNIOR COLLEGES, SITE SELECTION,
THE CREATION OF A DEVELOPMENT PROSPECTUS FOR THE GROWTH OF A PERMANENT CAMPUS FOR THE OKLAOOSA-WALTON JUNIOR COLLEGE IS DESCRIBED. FACILITY REQUIREMENTS WERE INFLUENCED BY AN ANALYSIS OF FACTORS RELATED TO PRESENT AND PROJECTED ENROLLMENTS. FACTORS INCLUDED THE NUMBER OF STUDENTS IN PRESENT AND PROJECTED DEGREE PROGRAMS AND A POPULATION PROJECTION FOR AREA SERVED BY OWJC. THE EDUCATIONAL SPECIFICATIONS WERE DETERMINED BY AN ANALYSIS OF THE TYPES OF LEARNING ACTIVITIES AND SERVICES, AND THE RELATION OF THESE ACTIVITIES AND SERVICES TO SPACE UTILIZATION. PARTICULAR ATTENTION WAS GIVEN TO FACILITIES REQUIREMENTS FOR ADULT EDUCATION PROGRAMS. A DISCUSSION OF THE SITE ANALYSIS, SITE UTILIZATION, AND ARCHITECTRUAL CONCEPTS LINKING BEAUTY AND FUNCTION IS GIVEN. NUMEROUS GRAPHICS ILLUSTRATE THESE CONCEPTS. THE APPENDIX LISTS DATA PERTINENT TO THE ENROLLMENT PROJECTIONS. (HH)

ED 020 635 EF 001 663
A COMPREHENSIVE STUDY FOR THE MASTER DEVELOPMENT PLAN, POLK JUNIOR COLLEGE, WINTER HAVEN, FLORIDA.
BRIGHT AND STRAUGHN ARCHITECTS, LAKELAND, FLA.
POLK COUNTY BOARD OF PUBLIC INSTRUCTION, FLA.
EDRS PRICE MF-$0.25 HC-$1.32 31P.
DESCRIPTORS— *CAMPUS PLANNING, *DESIGN, *EDUCATIONAL SPECIFICATIONS, *JUNIOR COLLEGES, *MASTER PLANS, CAPITAL OUTLAY (FOR FIXED ASSETS), EDUCATIONAL OBJECTIVES, PARKING, SITE DEVELOPMENT, VEHICULAR TRAFFIC,
THE HISTORY, PHILOSOPHY, OBJECTIVES, APPROACH AND BASIC DESIGN CONCEPTS FOR POLK JUNIOR COLLEGE. INCLUDED ARE SECTIONS RELATING TO SITE INVESTIGATION, UTILITY PLANNING, TRAFFIC STUDY, PARKING CONSIDERATIONS, PHASING OF MASTER PLAN AND COST ANALYSIS. SCHEMATIC DRAWINGS AND AERIAL PHOTOS ILLUSTRATE CAMPUS BUILDING RELATIONSHIPS AND COMMUNITY RELATIONSHIPS TO THE CAMPUS. THE FACILITIES DEVELOPMENT PROGRAM IS SEPARATED INTO FOUR SEQUENTIAL PHASES WITH PROJECTED COSTS SHOWN FOR EACH PHASE OF THE BUILDING PROGRAM. (FO)

ED 020 636 EF 001 664
CRITERIA FOR SELECTION AND APPROVAL OF COMMUNITY JUNIOR COLLEGE SITES IN FLORIDA.

FLORIDA ST. DEPT. OF EDUCATION, TALLAHASSEE
PUB DATE JUL 63
EDRS PRICE MF-$0.25 HC-$0.16 2P.
DESCRIPTORS— *JUNIOR COLLEGES, *SCHOOL LOCATION, *SITE SELECTION, *STATE ACTION, *STATE STANDARDS, EVALUATION CRITERIA, FACILITY GUIDELINES, PERFORMANCE CRITERIA, SITE DEVELOPMENT, STANDARDS TALLAHASSEE,
THE APPROVAL OF A COMMUNITY JUNIOR COLLEGE SITE IN FLORIDA IS A MATTER OF DECISION BY LOCAL COMMUNITY AUTHORITIES, HOWEVER, FINAL APPROVAL OF THE SITE BY THE STATE DEPARTMENT OF EDUCATION IS REQUIRED BEFORE CAPITAL OUTLAY FUNDS CAN BE EXPENDED. TO FACILITATE SELECTION AND APPROVAL OF SITES FOR COMMUNITY JUNIOR COLLEGES, A DATA SHEET OF CRITERIA WAS PREPARED. IT CONTAINS SEVEN POINTS OF INFORMATION CONCERNING SITE SELECTION AND INFORMATION USEFUL IN EVALUATING A PROPOSED SITE. THE SEVEN POINTS IDENTIFY SUCH AREAS AS LEGAL DESCRIPTIONS OF THE SITE, EASEMENTS, EXACT LOCATION, LAND CONTOURS, ETC. ALSO INCLUDED ARE NINE MINIMUM CRITERIA WHICH MUST BE SATISFIED. (BH)

ED 020 637 **EF 001 674**
HOW THEY PLANNED THEIR FOOD SERVICE.
PUB DATE NOV 67
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *COLLEGE PLANNING, *FACILITY GUIDELINES, *FOOD HANDLING FACILITIES, *FOOD SERVICE, *UNIVERSITIES, DEKALB, EQUIPMENT EVALUATION, FACILITY CASE STUDIES, ILL, INTERIOR SPACE, SPACE UTILIZATION,
DESIRABLE OBJECTIVES SUCH AS QUALITY FOOD PREPARATION, EFFICIENT SERVICE, ECONOMY AND EFFECTIVENESS FOR FOOD PREPARATION IN GRANT TOWERS AT NORTHERN ILLINOIS UNIVERSITY, DEKALB, WAS SATISFIED BY THE USE OF INFORMED PRE-PLANNING, COMPREHENSIVE SPACE-STUDIES, AND CRITICAL PATH PLANNING PROCEDURES. THE ARTICLE PROVIDES AN OVERVIEW OF THE DESIRED FOOD SERVICE OBJECTIVES, THE TYPE OF INFORMATION RESULTING PRE-PLANNING ACTIVITIES, SPACE-STUDY APPROACHES, AND DESIRABLE EQUIPMENT RELATIONSHIPS. THE DESIGN SOLUTION IS DIAGRAMMED TO INDICATE LOCATION OF EQUIPMENT AND SPACE RELATIONSHIPS. TWO CHARTS PROVIDE INFORMATION ON TYPICAL MENU AND AN ANALYSIS OF EQUIPMENT SEQUENCE. AN EVALUATION SECTION DESCRIBES THE FUNCTIONING OF THE FOOD SERVICE FACILITIES AND INDICATES THAT THE PLANNING PROCESS PROVIDED A SATISFACTORY SOLUTION. THE ARTICLE APPEARED IN THE NOVEMBER 1967 ISSUE OF "INSTITUTIONS." COPIES MAY BE OBTAINED BY WRITING THE EDITOR, INSTITUTIONS MAGAZINE, 1801 PRAIRIE, CHICAGO, ILLINOIS 60616. (BH)

ED 020 638 **EF 001 705**
PAWLEY, ERIC
AIA SCHOOL PLANT STUDIES. A SELECTION 1952-1962.
AMERICAN INSTITUTE OF ARCHITECTS, WASHINGTON, D.C.
PUB DATE 62
EDRS PRICE MF-$0.75 HC-$6.48 160P.
DESCRIPTORS— *EDUCATIONAL FACILITIES, *SCHOOL ARCHITECTURE, *SCHOOL CONSTRUCTION, *SCHOOL ENVIRONMENT, *SCHOOL PLANNING, ACOUSTICS, EDUCATIONAL PROGRAMS, FLEXIBLE FACILITIES, LIGHTING, PREFABRICATION, PRESCHOOL PROGRAMS, SCHOOL BUILDINGS, SCHOOL DESIGN, SITE DEVELOPMENT, SMALL SCHOOLS, THEATERS, URBAN SCHOOLS,
A COLLECTION OF 40 ARTICLES DISCUSSES VARIOUS ASPECTS OF SCHOOL PLANNING PROBLEMS. THOSE ON PRELIMINARY PHASES REVIEW–(1) ARCHITECT SELECTION, (2) DEVELOPMENT OF EDUCATIONAL PROGRAMS, AND (3) SCHOOL COSTS. ARCHITECTURALLY-ORIENTED ARTICLES COVER–(1) CONSTRUCTION AND STRUCTURAL TYPES, (2) STANDARD SCHOOL PLANS, (3) FLEXIBILITY, (4) PREFABRICATION, (5) SAFETY, AND (6) MAINTENANCE. SPECIFIC SCHOOL TYPES DISCUSSED ARE–(1) SMALL SCHOOLS, (2) PRESCHOOL BUILDINGS, AND (3) URBAN SCHOOLS. ENVIRONMENTAL CONTROL IS REVIEWED IN TERMS OF–(1) ORIENTATION, (2) NATURAL VENTILATION, (3) LIGHTING, (4) COLOR, (5) VISUAL ENVIRONMENT, AND (6) ACOUSTICS. CONCEPTUAL ARTICLES COVER TOPICS OF NEW IDEAS AND QUALITY, WHILE TOPICS SUCH AS CASEWORK, TEACHING EQUIPMENT, KITCHENS, AND AUDITORIUMS ARE REVIEWED IN MORE SPECIFIC TERMS. (MH)

ED 020 639 **EF 001 785**
GRAY, CHARLES L.
MUSIC BUILDINGS, ROOMS AND EQUIPMENT.
MUSIC EDUCATORS NATIONAL CONFERENCE, WASH., D.C.
PUB DATE 66
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 125P.
DESCRIPTORS— *MUSIC ACTIVITIES, *MUSIC EQUIPMENT, *MUSIC FACILITIES, *PHYSICAL DESIGN NEEDS, *SCHOOL PLANNING, ACOUSTICS, AUDITORIUMS, EQUIPMENT, FACILITY GUIDELINES, HEATING, SPATIAL RELATIONSHIP, VENTILATION,
MUSIC FACILITY GUIDELINES WERE DEVELOPED FOR THE MUSIC EDUCATOR, ADMINISTRATOR, BOARD OF EDUCATION AND THE ARCHITECT IN DESIGNING AND CONSTRUCTING NEW OR REMODELING EXISTING SCHOOL BUILDINGS. SUBJECT AREA COVERAGE INCLUDES MUSIC FACILITIES AT ALL LEVELS FROM THE ELEMENTARY SCHOOL THROUGH THE UNIVERSITY. THE CONTENTS ARE DIVIDED INTO THE FOLLOWING AREAS–(1) THE NEED FOR MUSIC FACILITIES, (2) PLANNING MUSIC FACILITIES, (3) LOCATION OF MUSIC FACILITIES, (4) ROOM AND AREA REQUIREMENTS, (5) THE AUDITORIUM, (6) TECHNICAL CONSIDERATIONS–ACOUSTICS, HEATING AND VENTILATING, ILLUMINATION, COLOR ELECTRICAL INSTALLATIONS, (7) EQUIPMENT, INSTRUMENTS, AND FURNITURE, AND (8) CASE STUDY–BUILDING A COLLEGE MUSIC BUILDING. A TYPICAL SPECIFICATION SHEET AND BIBLIOGRAPHY ARE ALSO INCLUDED. THIS DOCUMENT IS AVAILABLE FOR $4.50 FROM THE MUSIC EDUCATORS NATIONAL CONFERENCE, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (RH)

ED 020 640 **EF 001 800**
LARGE LECTURE SECTION QUESTIONNAIRE. SUMMARY OF RESPONSES.
PENNSYLVANIA UNIV., PHILADELPHIA,UNIV.PLAN.OFFICE
PUB DATE JUN 65
EDRS PRICE MF-$0.25 HC-$0.68 15P.
DESCRIPTORS— *CLASS SIZE, *EVALUATION METHODS, *SPACE UTILIZATION, *SURVEYS, *UNIVERSITIES, DATA COLLECTION, LISTENING GROUPS, PHILADELPHIA, STUDENT ENROLLMENT,
TO ASSIST IN STUDYING THE PROBLEM OF ACCOMMODATING LARGE CLASS SECTIONS, THE PENNSYLVANIA UNIVERSITY PLANNING OFFICE CONDUCTED A STUDY TO DETERMINE THE NATURE OF THE EXPERIENCES WITH LARGE GROUP TEACHING IN FORTY-TWO MAJOR COLLEGES AND UNIVERSITIES THROUGHOUT THE COUNTRY. RESPONSES BY THIRTY-SEVEN INSTITUTIONS ARE INCLUDED IN THIS REPORT INDICATING UNDER-GRADUATE ENROLLMENT, SIZE OF THE LARGE LECTURE SECTIONS, ESTIMATED RESULTS OF LARGE GROUP PRESENTATIONS, TYPE OF FACILITIES AVAILABLE, THE INSTITUTION'S INTENT TO CONTINUE THESE SECTIONS, AND ANY ADDITIONAL COMMENTS BY THE RESPONDENTS ON THE USE OF LARGE LECTURE PRESENTATIONS. INFORMATION IS LIMITED IN THAT NO SIGNIFICANT INFORMATION IS PROVIDED ABOUT RESPONSES OF FACULTY AND STUDENTS TO THE VARIOUS METHODS OF DEALING WITH LARGE COURSE ENROLLMENTS. THE EXTENT TO WHICH FACTORS OF ECONOMY, EFFICIENCY, EDUCATIONAL PHILOSOPHY, OR SIMPLE EXPEDIENCE WHICH MAY AFFECT THE DECISIONS TO SCHEDULE LARGE LECTURE SECTIONS WAS NOT REVEALED BY THE STUDY. THE MAJORITY OF RESPONSES INDICATED THAT A LARGE GROUP PRESENTATION HAS GIVEN VERY SATISFACTORY TO ADEQUATE RESULTS AND MOST PLAN TO CONTINUE THIS TYPE OF PRESENTATION. (BH)

ED 020 641 **EF 001 803**
CLEEK, JOHN E. COFFELT, JOHN J.
CAPITAL IMPROVEMENTS PROGRAM FOR THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION, 1965-75. PHASE TWO.
OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION
PUB DATE FEB 68
EDRS PRICE MF-$0.50 HC-$2.96 72P.
DESCRIPTORS— *FACILITY GUIDELINES, *FACILITY INVENTORY, *FINANCIAL NEEDS, *HIGHER EDUCATION, *STATE SURVEYS, COMPUTER ORIENTED PROGRAMS, FACULTY OFFICE, FEDERAL STATE RELATIONSHIP. SPACE UTILIZATION, STATE AID,
THIS STUDY UPDATES THE 1963 TEN-YEAR PROJECTION OF CAPITAL IMPROVEMENTS FOR THE INSTITUTIONS OF THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION. SPACE NEEDS OF THE STATE SYSTEM WERE DETERMINED BY A COMPARISON OF FACILITY INVENTORIES FOR CURRENT SPACE NEEDS AND PROJECTED SPACE NEEDS. THE SPACE NEEDS WERE TABULATED FOR CLASSROOMS, FACULTY OFFICES, LIBRARY, ADMINISTRATION AND RESEARCH FACILITIES. A PLAN FOR FINANCING THE PROJECTED IMPROVEMENTS IS PROPOSED. DATA COLLECTING SHEETS AND CODING SYSTEM IS GIVEN IN THE APPENDIXES. (HH)

ED 020 642 **EF 001 810**
MOGI, HITOSHI
KAUAI COMMUNITY COLLEGE, SITE SELECTION REPORT.
HAWAII UNIV., HONOLULU
PUB DATE MAY 66
EDRS PRICE MF-$0.25 HC-$1.56 37P.
DESCRIPTORS— *COMMUNITY COLLEGES, *FEASIBILITY STUDIES, *POPULATION DISTRIBUTION, *SITE DEVELOPMENT, *SITE SELECTION, COMMUNITY SURVEYS, COMPARATIVE ANALYSIS, CONSTRUCTION PROGRAMS, FACILITY GUIDELINES, METHODOLOGY,
THIS STUDY WAS UNDERTAKEN TO AID IN THE SELECTION OF A MORE SUITABLE SITE FOR THE KAUAI COMMUNITY COLLEGE. FOURTEEN SITES FULFILLED THE GENERAL SIZE, ENVIRONMENT AND ADATABILITY REQUIREMENTS. THE SCREENING CRITERIA APPLIED TO THESE SITES WERE ACCESSIBILITY, ENVIRONMENT, ECONOMY IN DEVELOPMENT, AND POSSIBILITY FOR FUTURE EXPANSION. THE RECOMMENDED SITE, ALTERNATE SITE AND THE ADVANTAGES OF THE SELECTED SITE ARE GIVEN ALONG WITH AERIAL PHOTOS AND ENROLLMENT PROJECTIONS. PARTICULAR ATTENTION IS GIVEN TO SITE SELECTION DATA REGARDING PROXIMITY TO POPULATION, SITE DEVELOPMENT COSTS AND FACILITIES EXPANSION POTENTIAL. (HH)

ED 020 643 **EF 001 811**
KILIAN, OTTO H.
LONG RANGE DEVELOPMENT PLAN FOR HONOLULU COMMUNITY COLLEGE.
LUCKMAN (CHARLES) ASSOCIATES, LOS ANGELES, CALIF.
REPORT NUMBER PROJ-1811-01
PUB DATE JUN 67
EDRS PRICE MF-$0.50 HC-$2.60 63P.
DESCRIPTORS— *CAMPUS PLANNING, *COMMUNITY COLLEGES, *MASTER PLANS, *SITE DEVELOPMENT, *TRAFFIC PATTERNS, FACILITY IMPROVEMENT, FACILITY INVENTORY, INSTITUTIONAL ENVIRONMENT, PEDESTRIAN TRAFFIC, SITE ANALYSIS,

THE LONG RANGE DEVELOPMENT PLAN FOR HONOLULU COMMUNITY COLLEGE DESCRIBES VERY BRIEFLY A WIDE RANGE OF TOPICS AS FOLLOWS–(1) SITE CONDITIONS–VICINITY MAP, PHYSICAL CHARACTERISTICS, ZONING AND LAND USE, ASSESSED VALUATIONS, TRAFFIC ANALYSIS, (2) EXISTING CAMPUS–TYPE, AGE AND CONDITION OF NEIGHBORHOOD AND CAMPUS STRUCTURES, CAMPUS PLAN, CAMPUS INVENTORY, AND (3) NEW CAMPUS PLAN–FACILITIES GROUPINGS, FUTURE GROWTH, VEHICULAR CIRCULATION, SERVICE TRAFFIC, PEDESTRIAN CIRCULATION PATTERNS, AND LANDSCAPING. EACH TOPIC IS ILLUSTRATED BY AN ACCOMPANYING DIAGRAM, AERIAL PHOTOGRAPH, MODEL OR FLOOR PLAN. (HH)

ED 020 644 EF 001 830

EDUCATION, CHILDREN AND COMFORT.

IOWA UNIV., IOWA CITY

PUB DATE 65

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS— *CLASSROOM ENVIRONMENT, *EXPERIMENTAL SCHOOLS, *LEARNING, *THERMAL ENVIRONMENT, AIR CONDITIONING, CONTROLLED ENVIRONMENT, HEATING, VENTILATION,

TWO SIMILAR CLASSROOMS WERE SET UP IN THE LENNOX LIVING LABORATORY, DES MOINES, IOWA, ONE FOR EXPERIMENTAL GROUPS AND ONE FOR CONTROL GROUPS. TEMPERATURE, AIR CIRCULATION AND HUMIDITY CAN BE CONTROLLED AND MEASURED IN BOTH ROOMS. THE ROOMS ARE OF SIMILAR SIZE, LAYOUT AND CONSTRUCTION, THE THERMAL ENVIRONMENT BEING THE ONLY VARIABLE. THE FOLLOWING QUESTIONS WERE STUDIED IN THE EXPERIMENTAL SCHOOLHOUSE- (1) IS THERE A DIFFERENCE BETWEEN BOYS' AND GIRLS' REPORTED COMFORT. (2) IS THERE A DIFFERENCE BETWEEN BOYS' AND GIRLS' REPORTED FEELINGS OF COMFORT IN THE SAME ENVIRONMENT. (3) WHAT IS THE EFFECT OF TEMPERATURE AND HUMIDITY ON REPORTED STUDENT COMFORT. (4) WHAT IS THE ACTUAL OPERATING TIME OF THE HEATING, COOLING, AND VENTILATING EQUIPMENT WHEN MAINTAINING THE IDEAL THERMAL ENVIRONMENT. RESULTS ARE GIVEN TO THESE FOUR QUESTIONS. (RH)

ED 020 645 EF 001 855

HOOVER, R.M.

AIR DISTRIBUTION NOISE CONTROL IN CRITICAL AUDITORIUMS.

BOLT BERANEK AND NEWMAN INC., CAMBRIDGE, MASS.

PUB DATE MAY 68

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ACOUSTICAL ENVIRONMENT, *AIR CONDITIONING EQUIPMENT, *AUDITORIUMS, *CONTROLLED ENVIRONMENT, ACOUSTICS, AIR CONDITIONING, BUILDING DESIGN,

THE ACHIEVEMENT OF EXTREMELY LOW AIR-CONDITIONING NOISE LEVELS REQUIRED FOR MODERN AUDITORIUMS ARE THE RESULT OF CAREFUL PLANNING AND THOROUGH DETAILING. PROBLEMS FACED AND TECHNIQUES USED IN ARRIVING AT LEVELS AS LOW AS NC-15 FOR A SINGLE SYSTEM SERVING A HALL ARE DESCRIBED. SIX CASE HISTORIES ARE EXAMINED AND THE FOLLOWING OBSERVATIONS ARE MADE–(1) LEVELS BELOW AN NC-15 CAN BE ACHIEVED WHEN DIFFUSERS ARE OMITTED, WHEN VELOCITIES OF ABOUT 400 FT/MIN ARE USED IN DISTRIBUTION DUCTS, (2) THE NC-15-20 CAN BE ACHIEVED BY USING DIFFUSERS, ESPECIALLY IF NECK GEOMETRY IS GOOD AND IF NECK VELOCITIES DO NOT EXCEED 450 FT/MIN, SUGGESTING THAT NECK VELOCITIES OF 500 FT/MIN ARE MARGINAL, AND (3) IF NECK VELOCITIES ARE KEPT AT 300 TO 350 FT/MIN, IF 2 INCH LINING IS USED IN THE NECKS, AND IF MAIN BRANCH DUCT VELOCITIES NEAR SPLITTER DAMPERS DO NOT EXCEED THE RANGE OF 700 TO 800 FT/MIN, IT IS EXPECTED THAT LEVELS BELOW AN NC-15 CAN BE ACHIEVED EVEN WITH DIFFUSERS. THIS ARTICLE APPEARED IN THE MAY 1968 ISSUE OF SOUND AND VIBRATION. COPIES MAY BE OBTAINED BY WRITING ACOUSTICAL PUBLICATIONS, INC., P.O. BOX 9665, CLEVELAND, OHIO 44140. (RH)

ED 020 646 EF 001 857

PROCEDURE FOR REQUESTING APPROVAL OF SCHOOL BUILDING PROJECTS.

PENNSYLVANIA STATE DEPT. OF PUBLIC INSTRUCTION

REPORT NUMBER BSC-413-REV

PUB DATE NOV 67

EDRS PRICE MF-$0.50 HC-$1.48 110P.

DESCRIPTORS— *BUILDING DESIGN, *PROJECT APPLICATIONS, *PUBLIC SCHOOL SYSTEMS, *SCHOOL BUILDINGS, *SCHOOL PLANNING, ARCHITECTURAL ELEMENTS, COMPONENT BUILDING SYSTEMS, COSTS, EDUCATIONAL FINANCE, EQUIPMENT EVALUATION, FACILITY GUIDELINES, INSPECTION, SITE SELECTION,

A SET OF PROCEDURES, GUIDELINES, AND FORMS USED BY THE STATE OF PENNSYLVANIA DEPARTMENT OF PUBLIC INSTRUCTION FOR PLANNING SCHOOL BUILDING PROJECTS. THE SET RANGES FROM PROJECT APPLICATIONS TO FINAL COSTS AND REIMBURSEMENTS, AND INCLUDES ARCHITECTURAL ELEMENTS, COMPONENT SYSTEMS, EQUIPMENT EVALUATION, INSPECTIONS AND SITE SELECTION. (FO)

ED 020 647 EF 001 871

TRIMPE, ADRIAN AND OTHERS

FACILITIES AND EQUIPMENT FOR DISTRIBUTIVE EDUCATION PROGRAMS.

WESTERN MICHIGAN UNIV.,KALAMAZOO

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$2.96 72P.

DESCRIPTORS— *DISTRIBUTIVE EDUCATION, *EDUCATIONAL SPECIFICATIONS, *FACILITY GUIDELINES, *PROGRAM ADMINISTRATION, *SPATIAL RELATIONSHIP, EDUCATIONAL EQUIPMENT, INSTRUCTIONAL MATERIALS, PROGRAM PLANNING, SALESMANSHIP, VOCATIONAL EDUCATION,

THIS BOOKLET EXPLAINS BY PICTORIAL REPRESENTATION HOW MUCH SPACE, EQUIPMENT AND SUPPLIES ARE NEEDED TO CONDUCT ACTIVITIES OF A GOOD DISTRIBUTIVE EDUCATION PROGRAM. THE MAJOR CLASSROOM, DISPLAY, ADVERTISING, MERCHANDISING, TEACHING, RETAIL OPERATION, COUNSELING AND PROGRAM ADMINISTRATION ACTIVITIES AND EQUIPMENT ARE LISTED. A COMPREHENSIVE OVERVIEW IS GIVEN OF THE FULL FIELD OF DISTRIBUTIVE EDUCATION NEEDS IN A NORTHERN, URBAN-ORIENTED STATE. SUGGESTED FACILITIES ARE DIAGRAMED IN RELATIONSHIP TO THE INSTRUCTIONAL PROGRAM, STUDENT NEEDS, AND COMMUNITY RELATIONS ASPECTS. (HH)

ED 020 648 EF 001 961

HOW TO ADAPT A CAMPUS FOR THE HANDICAPPED. STUDENTS ON WHEELS.

PUB DATE DEC 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CAMPUS PLANNING, *HANDICAPPED STUDENTS, *PHYSICALLY HANDICAPPED, *SCHOOL PLANNING, SAFETY,

THE DIFFERENCE BETWEEN A CAMPUS THAT IS INACCESSIBLE TO STUDENTS IN WHEELCHAIRS, CRUTCHES, OR SOME OTHER WALKING DEVICE, AND ONE THAT CAN ACCOMMODATE THEM EASILY IS SLIGHT. IT NEED NOT COST A GREAT DEAL OF MONEY TO CONVERT A CAMPUS. HOWEVER, PLANNERS MUST BECOME MORE ALERT TO THE HANDICAPPED PERSON'S CHIEF PROBLEMS–MOVEMENT AND MANEUVERABILITY. A NUMBER OF ECONOMICAL AND FUNCTIONAL SUGGESTIONS ARE PRESENTED. THIS ARTICLE APPEARED IN THE DECEMBER, 1967 ISSUE, VOLUME 2-12, OF COLLEGE MANAGEMENT. COPIES MAY BE OBTAINED BY WRITING THE EDITOR. 22 WEST PUTMAN AVENUE, GREENWICH, CONNECTICUT. (RH)

ED 020 649 EF 001 991

MYLECRAINE, WALTER E. AND OTHERS

PROJECTIONS OF PUBLIC SCHOOL FACILITIES NEEDS, 1968-69 THROUGH 1972-73.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

PUB DATE MAY 68

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *COMMUNITY INVOLVEMENT, *EQUIPMENT PROJECTIONS, *FACILITY GUIDELINES, *INTEGRATED PUBLIC FACILITIES, *SCHOOL PLANNING, CENSUS FIGURES, EDUCATIONAL DEMAND, JUNIOR COLLEGES, OFFICE OF CONSTRUCTION SERVICE, PUBLIC SCHOOLS, SITE DEVELOPMENT,

THE INTRODUCTION STRESSES THE CAPITAL AND OPERATING COST SAVING POSSIBILITIES IN MAKING JOINT USE OF SITES AND FACILITIES WITH PRIVATE ENTERPRISES AND/OR MUNICIPAL, STATE, AND FEDERAL AGENCIES. ADDITIONAL EDUCATIONAL BENEFITS THROUGH INVOLVEMENT OF COMMUNITY (PRIVATE AND PUBLIC) LEADERS AND INSTITUTIONS IN THE EDUCATIONAL PROCESS ARE STRESSED. PROJECTION COVERS NEEDED FACILITIES FROM PRESCHOOL THROUGH JUNIOR COLLEGE LEVELS UP TO 1973. FACILITIES NEEDS PROJECTIONS BEYOND 1973 WILL BE FORTHCOMING AFTER 1970 CENSUS. MAJOR NEEDS CLASSIFICATIONS ARE BY URBAN, SUBURBAN, AND RURAL, THEN BY PRESCHOOL, ELEMENTARY, SECONDARY, AND JUNIOR COLLEGE CLASSIFICATIONS. SUBCLASSIFICATION IS BY NEEDS OF DISADVANTAGED, HANDICAPPED, VOCATIONAL, AND GENERAL. TABLES OF PRESENT AND PROJECTED ENROLLMENTS, FACILITIES, CLASSROOMS, AND SQUARE FOOT NEEDS ARE ATTACHED. (PR)

ED 020 650 EM 000 212

FIVE-FOOT SHELF BIBLIOGRAPHY ON NEW MEDIA AND INSTRUCTIONAL TECHNOLOGY.

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$0.36 7P.

DESCRIPTORS— *BIBLIOGRAPHIES, *INSTRUCTIONAL MEDIA, *INSTRUCTIONAL TECHNOLOGY, AUDIOVISUAL AIDS, COMPUTERS, COPYRIGHTS, EDUCATIONAL TELEVISION, EDUCATIONAL THEORIES, FILMS, INSTRUCTIONAL MATERIALS, INSTRUCTIONAL TELEVISION, LANGUAGE LABORATORIES, MANUALS, METHODOLOGY, OVERHEAD PROJECTORS, PROGRAMED INSTRUCTION, REFERENCE MATERIALS, SCHOOL BUILDINGS, SINGLE CONCEPT FILMS,

THIS BRIEF BIBLIOGRAPHY LISTS 76 ENTRIES UNDER THE FOLLOWING HEADINGS–GENERAL REFERENCES, GENERAL AUDIOVISUAL REFERENCES, MANUALS–EQUIPMENT AND MATERIALS, PSYCHOLOGY–METHODOLOGY, OVERHEAD PROJECTION, PROGRAMED INSTRUCTION, LANGUAGE LABORATORIES, FILMS, 8MM AND SINGLE CONCEPT FILMS, TELEVISION, COMPUTERS, SCHOOL BUILDINGS, AND COPYRIGHT LAW. (RS)

ED 020 651 EM 000 214

THE MEDIATED DIALOGUE, AN ACCOUNT OF THE EXPERIMENTAL NATIONAL MEDIA INSTITUTES IN THE ACADEMIC DISCIPLINES.

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES

EDRS PRICE MF-$0.25 HC-$0.56 12P.

DESCRIPTORS— *INSERVICE TEACHER EDUCATION, *INSTITUTE TYPE COURSES, *INSTITUTES (TRAINING PROGRAMS), *INSTRUCTIONAL MEDIA, INSTRUCTIONAL MATERIALS, NATIONAL DEFENSE EDUCATION ACT TITLE 11, SPECIAL MEDIA INSTITUTES,

SPECIAL MEDIA INSTITUTES HAVE FUNCTIONED IN THE YEARS 1965-6 AND 1966-7 TO BRING KNOWLEDGE OF EDUCATIONAL MEDIA USE IN SPECIFIC SUBJECT AREAS TO TITLE XI NDEA INSTITUTE DIRECTORS, AND TO ENCOURAGE MORE EFFECTIVE COMMUNICATION BETWEEN TEACHERS, SCHOLARS, AND STUDENTS. SPECIAL MEDIA INSTITUTES HAVE BEEN HELD AT MICHIGAN STATE UNIVERSITY, THE TEACHING RESEARCH DIVISION OF THE OREGON STATE SYSTEM OF HIGHER EDUCATION, SYRACUSE UNIVERSITY, AND THE

UNIVERSITY OF SOUTHERN CALIFORNIA. SUBJECTS WERE ENGLISH, MODERN FOREIGN LANGUAGES, GEOGRAPHY, HISTORY, LIBRARY SCIENCE, READING, ECONOMICS, ENGLISH AS A SECOND LANGUAGE, CIVICS, AND DISADVANTAGED YOUTH. A BROAD SAMPLE OF EDUCATIONAL MEDIA MATERIALS AND HARDWARE WERE AVAILABLE FOR USE BY INSTITUTE ATTENDEES DURING THE WEEK-LONG 1966-7 SESSIONS, AS WELL AS INFORMATION ON NEW TEACHING STRATEGIES, INNOVATIONS AND THEIR APPLICATION, AND NEW TEXTS AVAILABLE. ALMOST 350 SUBJECT INSTITUTE DIRECTORS ATTENDED THE SPECIAL MEDIA INSTITUTES AND HAVE SUBSEQUENTLY REACHED AN ESTIMATED 13,000 TEACHERS. (BB)

ED 020 652 **EM 000 216**

A BIBLIOGRAPHY OF EDUCATIONAL TELEVISION AND RELATED COMMUNICATION SYSTEMS.

NATIONAL ASSN. OF EDUCATIONAL BROADCASTERS

PUB DATE JUL 67

EDRS PRICE MF-$0.25 HC-$2.04 49P.

DESCRIPTORS— *BIBLIOGRAPHIES, *BROADCAST TELEVISION, *EDUCATIONAL TELEVISION, CLOSED CIRCUIT TELEVISION, COMMUNICATIONS, COMMUNITY ATTITUDES, COMMUNITY RESPONSIBILITY, COPYRIGHTS, COSTS, ENGINEERING, INSTRUCTIONAL FILMS, INSTRUCTIONAL MEDIA, INSTRUCTIONAL TELEVISION, MEDIA RESEARCH, STUDENT ATTITUDES, TEACHER ATTITUDES, TELEVISION CURRICULUM, TELEVISION RESEARCH, TELEVISION VIEWING,

THIS 47 PAGE BIBLIOGRAPHY HAS BEEN DEVELOPED AS AN AID TO LEGISLATORS, THEIR RESEARCH STAFFS, INSTITUTIONS OF HIGHER LEARNING, AND TO INDIVIDUAL RESEARCHERS INTERESTED IN THE AREA OF INTER-INSTITUTIONAL TELEVISION. SECONDARY SOURCES IN SOME INSTANCES HAVE BEEN INCLUDED FOR EASE IN LOCATING UNPUBLISHED MATERIALS OR FOR SUMMATIONS AND REVIEWS OF MORE EXTENSIVE STUDIES. ENTRIES ARE LISTED UNDER THE FOLLOWING HEADINGS–GENERAL, STATE TELEVISION NETWORKS, TELEVISION–UTILIZATION AND APPLICATION, FACULTY AND STUDENT ATTITUDES, COPYRIGHTS AND CLEARANCES, TELEVISION-INSTITUTIONAL EFFECTS AND RELATED MEDIA RESEARCH, EDUCATIONAL TELEVISION–AUDIENCE AND COMMUNITY RELATIONSHIPS AND PUBLIC RESPONSIBILITY, FACILITIES FOR TELEVISION, EDUCATIONAL COMMUNICATIONS SYSTEMS, ENGINEERING, TELEVISION BIBLIOGRAPHIES, TELEVISION COURSE CATALOGUES, AND FINANCING TELEVISION. THIS DOCUMENT WAS COMPILED BY THE MINNESOTA FEASIBILITY STUDY OF INTER-INSTITUTIONAL TELEVISION, DECEMBER 1966 AND WAS REPRINTED WITH THEIR PERMISSION. (RS)

ED 020 653 **EM 000 219**

BRONSON, VERNON

COOPERATIVE INSTRUCTION BY TELEVISION IN THE SCHOOLS OF AMERICAN SAMOA, AN OUTLINE OF THE ORGANIZATION AND PROCEDURES.

NATIONAL ASSN. OF EDUCATIONAL BROADCASTERS

PUB DATE FEB 66

EDRS PRICE MF-$0.25 HC-$1.00 23P.

DESCRIPTORS— *COOPERATIVE TEACHING, *CURRICULUM DEVELOPMENT, *EDUCATIONAL IMPROVEMENT, *INSTRUCTIONAL TELEVISION, ACADEMIC ACHIEVEMENT, AMERICAN SAMOA, BROADCAST TELEVISION, CURRICULUM PROBLEMS, ELECTRONIC EQUIPMENT, INSERVICE TEACHER EDUCATION, INSTRUCTIONAL MATERIALS, MULTICHANNEL PROGRAMING, TEACHER INTERNS, TEAM TEACHING, TESTING PROBLEMS,

THIS OUTLINE DISCUSSES THE ESTABLISHMENT OF A NEW TELEVISION-BASED SYSTEM OF INSTRUCTION IN AMERICAN SAMOA. AFTER LISTING 12 MAJOR PROBLEMS IN THE EDUCATIONAL SYSTEM AS OF 1961, THE OUTLINE RAISES POLICY QUESTIONS AND REPORTS ON A PROPOSAL TO APPLY EDUCATIONAL TECHNOLOGY TO THESE PROBLEMS. THE DISCUSSION OF THE EDUCATIONAL PROGRAM IS BROKEN DOWN INTO (1) TECHNICAL ASPECTS, (2) THE PROGRAM OF ELEMENTARY EDUCATION, AND (3) THE PROGRAM OF SECONDARY EDUCATION. THE TECHNICAL ASPECTS INCLUDE PROVIDING A MULTIPLE-CHANNEL TELEVISION BROADCASTING SYSTEM AND A PRODUCTION CENTER TO FEED THE TRANSMISSION SYSTEM. THE OUTLINE THEN PROCEEDS TO OBJECTIVES, TECHNIQUES, MATERIALS, AND RATE OF DEVELOPMENT OF THE ELEMENTARY EDUCATION PROGRAM, AS WELL AS THE TEACHER TRAINING PROGRAM. THIS IS FOLLOWED BY A DISCUSSION OF THE TRANSITION, BASIC CHANGES, CURRICULUM DEVELOPMENT AND LESSON CONSTRUCTION, TESTING PROBLEMS, AND PRODUCTION OF LOCAL INSTRUCTIONAL MATERIALS IN THE SECONDARY EDUCATION PROGRAMS. (JO)

ED 020 654 **56** **EM 000 221**

VAN HORN, CHARLES

AN INVESTIGATION OF THE APPLICABILITY OF MOTION PICTURES TO EDUCATIONAL TESTING. FINAL REPORT.

ILLINOIS UNIV., URBANA

REPORT NUMBER BR-5-0713

REPORT NUMBER NDEA-7A-665

PUB DATE 31 AUG 67

GRANT OEG-7-23-1020-125

EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS— *COMMUNICATION (THOUGHT TRANSFER), *FILMS, *TESTING, AUDITORY VISUAL TESTS, ECONOMIC STATUS, EDUCATIONAL EXPERIMENTS, EDUCATIONAL TESTING, EVALUATION, FACTOR ANALYSIS, GUILDFORD ZIMMERMAN TEMPERAMENT SURVEY, PERSONALITY TESTS, SEX DIFFERENCES, VERBAL COMMUNICATION, VERBAL STIMULI, VISUAL STIMULI,

EIGHT ITEMS THE "GUILFORD-ZIMMERMAN TEMPERAMENT SURVEY" (E.G. , "YOU MAKE DECISIONS ON THE SPUR OF THE MOMENT") WERE DRAMATIZED AND FILMED IN TWO POLARIZED SITUATIONS, ONE DEPICTING A SPECIFIC SET OF BEHAVIOR TO SUPPORT AN AFFIRMATIVE RESPONSE TO THE TEST ITEM AND THE OTHER DEPICTING A NEGATIVE SPECIFIC. TWO ADDITIONAL VARIABLES INTENDED TO INFLUENCE RESPONSES TO THE PICTORIAL ITEMS WERE PRESENCE OF A MAN OR WOMAN AND AMOUNT OF MONEY IMPLIED IN THE DECISION SITUATION DEPICTED IN THE PICTURE. DUE TO COMPLICATIONS IN ADMINISTERING THE WRITTEN AND CINEMATIC FORMS OF THE TEST TO FRESHMEN, AND BECAUSE THE "UNDECIDED" RESPONSES WERE OMITTED, THE BASE FOR CORRELATIONS VARIED. HYPOTHESIS I, THAT "THE COMPLEXITY OF FACTORS IDENTIFIED FROM A SET OF TEST ITEMS INCREASES WHEN THEY ARE PRESENTED TO THE RESPONDENT IN THE FORM OF PICTURES INSTEAD OF WORD," WAS CONFIRMED, BUT THE COMPLEXITY WAS NOT EXPLAINED. HYPOTHESIS II, THAT "THE NATURE OF THE CHANGE IN FACTORIAL CONTENT OF A SET OF ITEMS REPRESENTED PICTORIALLY IS CONTROLLED BY THE EXPERIMENTER THROUGH HIS CHOICE OF THE PICTURES USED," HAD SLIGHT SUPPORT. SEX DIFFERENCES WAS THE MORE DEPENDABLE EXPERIMENTAL VARIABLE, THUS DISPELLING THE ASSUMPTION THAT INSTANCES OF THE EXPERIMENTAL VARIABLES WOULD BE EQUALLY ATTRACTIVE TO THE SUBJECTS. (RS)

ED 020 655 **64** **EM 000 222**

JORDAN, JAMES R.

THE NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION–A DEMONSTRATION OF A NATIONAL PROGRAM AGENCY FOR INSTRUCTIONAL TELEVISION. FINAL REPORT.

INDIANA UNIV. FOUNDATION, BLOOMINGTON

REPORT NUMBER BR-5-0273

PUB DATE MAR 68

CONTRACT OEC-5-16-015

EDRS PRICE MF-$1.00 HC-$8.40 208P.

DESCRIPTORS— *INSTRUCTIONAL MATERIALS CENTERS, *INSTRUCTIONAL TELEVISION, *NATIONAL PROGRAMS, *PROGRAM EVALUATION, *TELEVISION RESEARCH, ADMINISTRATIVE ORGANIZATION, ART EDUCATION, EDUCATIONAL FACILITIES, EDUCATIONAL PROGRAMS, EDUCATIONAL TELEVISION, ELEMENTARY EDUCATION, ENROLLMENT TRENDS, INFORMATION DISSEMINATION, LANGUAGE INSTRUCTION, MATHEMATICS EDUCATION, MUSIC EDUCATION, PHYSICAL EDUCATION, SCIENCE EDUCATION, SPECIAL LIBRARIES,

THE NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION WAS ESTABLISHED IN 1965 BY THE OFFICE OF EDUCATION AND THE INDIANA UNIVERSITY FOUNDATION AS A PERMANENT AGENCY TO PROVIDE QUALITY INSTRUCTIONAL TELEVISION MATERIALS AND COURSE DISTRIBUTION ON A NATIONAL SCALE. NCSCT MAKES MATERIALS AVAILABLE BY EVALUATION, ACQUISITION, REVISION, AND PRODUCTION, ENGAGES IN NATIONWIDE LIAISON WORK WITH TEACHERS, ADMINISTRATORS, AND ITV PERSONNEL, AND ACTS AS A CENTER OF INFORMATION ON INSTRUCTIONAL TELEVISION BY COLLECTING, ANALYZING, AND DISSEMINATING DATA. FINDINGS OF ITS TWO-YEAR DEMONSTRATION PROGRAM ARE–(1) THE EDUCATIONAL USE OF TELEVISION WILL EXPAND, CREATING GREATER NEED FOR EFFECTIVE MATERIALS, (2) FEW MATERIALS PRODUCED FOR LOCAL SCHEDULING ARE SUITABLE FOR WIDESPREAD USE, (3) A HIGH PERCENTAGE OF REUSE INDICATES THAT THE CENTER'S MATERIALS ARE SATISFACTORY, (4) ACCELERATED NCSCT ACTIVITY IS NEEDED MOST IN ELEMENTARY EDUCATION, (5) NCSCT'S MATERIALS, RESEARCH, AND DISSEMINATION WILL STIMULATE WISER USE OF TELEVISION, AND (6) PROFESSIONAL EDUCATIONAL ORGANIZATIONS AND SCHOOL SYSTEMS WILL COMMIT RESOURCES TO NCSCT'S EFFORTS. APPENDICES INCLUDE REPORTS CONCERNED WITH THE NATIONAL INSTRUCTIONAL TELEVISION LIBRARY, THE IV LESSON EVALUATION FORM, NCSCT SUBJECT AREA ASSESSMENTS, PRELIMINARY CONCLUSIONS, TABLES, AND A LIST OF AVAILABLE MATERIALS. (JO)

ED 020 656 **EM 000 223**

THE USE OF CLOSED CIRCUIT TELEVISION IN TECHNICAL EDUCATION, REPORT OF THE EUROPEAN SEMINAR (SERAING, BELGIUM, APRIL 1965).

COUNCIL OF EUROPE, STRASBOURG (AUSTRIA)

PUB DATE 66

EDRS PRICE MF-$0.50 HC-$3.84 94P.

DESCRIPTORS— *CLOSED CIRCUIT TELEVISION, *CONFERENCE REPORTS, *TECHNICAL EDUCATION, *TELEVISED INSTRUCTION, *VOCATIONAL EDUCATION, AUDIOVISUAL AIDS, AUSTRIA, EDUCATIONAL EQUIPMENT, EDUCATIONAL TELEVISION, EQUIPMENT EVALUATION, EXPERIMENTAL PROGRAMS, FRANCE, GERMANY, HOLY SEE, METHODOLOGY, PRIMARY EDUCATION, PSYCHOLOGICAL CHARACTERISTICS, SEMINARS, STUDENT ATTITUDES, SWEDEN, TEACHER ATTITUDES, TELEVISION CURRICULUM, UNITED KINGDOM,

AT A EUROPEAN SEMINAR PARTICIPANTS FROM BELGIUM, THE UNITED KINGDOM, FRANCE, SWEDEN, AUSTRIA, GERMANY, IRELAND, NETHERLANDS, NORWAY, SPAIN, AND THE HOLY SEE DISCUSSED CLOSED CIRCUIT TELEVISION AS A TEACHING AID IN TECHNICAL EDUCATION. IN ORDER TO ENCOURAGE THE RETHINKING OF TEACHING METHODS IN THE LIGHT OF THE POSSIBILITIES AFFORDED BY TELEVISION, BOTH EXPERTS AND INEXPERIENCED PERSONS WERE BROUGHT TOGETHER TO EXCHANGE IDEAS AND FINDINGS. EXPERIMENTERS POINTED OUT THE DISADVANTAGES OF A PASSIVE LEARNING SITUATION FOR THE STUDENTS AND A NATURAL RESISTANCE ON THE PART OF TEACHERS TO THE INTRODUCTION OF TELEVISED INSTRUCTION. ADVANTAGES CITED, HOWEVER, ARE NUMEROUS–ALL THE STUDENTS ARE ABLE TO SEE THE MONITORS WHICH IN TURN ENABLE THE DETAILS OF DEMONSTRATIONS AND GRAPHICS TO BE SEEN EASILY, OVER-

FLOW CLASSES CAN BE ACCOMMODATED BY ADDITIONAL MONITORS IN SEPARATE ROOMS, AND LESSONS, WHEN CAREFULLY PREPARED WITH AN EMPHASIS ON VISUAL MATERIAL, ARE AT LEAST AS EFFECTIVE IN THEIR TEACHING AS ORDINARY CLASSROOM PROCEDURES. TELEVISED INSTRUCTION CAN NEVER COMPLETELY SUBSTITUTE FOR THE PHYSICAL PRESENCE OF A TEACHER, BUT EVEN A VERY SIMPLE TELEVISION SYSTEM CAN BE AN EFFECTIVE STEP IN A LARGER LEARNING SCHEME WHERE PROVISION FOR STUDENT-TEACHER CONTACT IS ALSO MADE. (RS)

ED 020 657 EM 000 232

KESSLER, WILLIAM J.

FUNDAMENTALS OF TELEVISION SYSTEMS.

NATIONAL ASSN. OF EDUCATIONAL BROADCASTERS

PUB DATE FEB 68

EDRS PRICE MF-$0.50 HC-$3.28 80P.

DESCRIPTORS— *ELECTRONIC EQUIPMENT, *RADIO TECHNOLOGY, *TELEVISION, AIRBORNE TELEVISION, BROADCAST TELEVISION COMMUNICATION SATELLITES, PRODUCTION TECHNIQUES,

DESIGNED FOR A READER WITHOUT SPECIAL TECHNICAL KNOWLEDGE, THIS ILLUSTRATED RESOURCE PAPER EXPLAINS THE COMPONENTS OF A TELEVISION SYSTEM AND RELATES THEM TO THE COMPLETE SYSTEM. SUBJECTS DISCUSSED ARE THE FOLLOWING–STUDIO ORGANIZATION AND COMPATIBLE COLOR TELEVISION PRINCIPLES, WIRED AND RADIO TRANSMISSION SYSTEMS, DIRECT VIEW AND PROJECTION DISPLAY OF TELEVISION IMAGES, AND PHOTOGRAPHIC, DIRECT VIDEO, AND ELECTRON BEAM RECORDING. RADIO TRANSMISSION SYSTEMS DISCUSSED ARE VHF-UHF BROADCASTING AND TRANSLATORS, AIRBORNE AND STAELLITE TRANSMISSION, LASER TRANSMISSION, POINT-TO-POINT AND SATELLITE TRANSMISSION, LASER TRANSMISSION, POINT-TO-POINT FIXED SERVICE. APPENDICES INCLUDE A GLOSSARY AND A SHORT BIBLIOGRAPHY. (BB)

ED 020 658 24 EM 000 235

DWYER, FRANCIS M., JR.

A STUDY OF THE RELATIVE EFFECTIVENESS OF VARIED VISUAL ILLUSTRATIONS. FINAL REPORT.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK

REPORT NUMBER BR-6-8840

PUB DATE SEP 67

EDRS PRICE MF-$0.75 HC-$7.00 173P.

DESCRIPTORS— *BIOLOGY INSTRUCTION, *INSTRUCTIONAL AIDS, *PICTORIAL STIMULI, *STIMULUS DEVICES, *VISUAL LEARNING, GRADE 10, GRADE 11, GRADE 12, GRADE 9, ILLUSTRATIONS, INSTRUCTIONAL MATERIALS, PHYSIOLOGY, SECONDARY EDUCATION, VISUAL STIMULI,

THE RELATIVE EFFECTIVENESS OF EIGHT TYPES OF VISUAL ILLUSTRATION OF THE HUMAN HEART WAS TESTED IN NINTH THROUGH TWELFTH GRADE CLASSES. THE EIGHT TYPES–ABSTRACT LINE DRAWINGS, DETAILED SHADED DRAWINGS, PHOTOGRAPHS OF HEART MODELS, AND REALISTIC MODELS, EACH IN BLACK AND WHITE AND IN COLOR AND A CONTROL PRESENTATION WITH NO ILLUSTRATIONS WERE ASSIGNED RANDOMLY TO ONE CLASS EACH PER GRADE LEVEL. EACH TREATMENT CONSISTED OF A TAPE RECORDED ORAL PRESENTATION ON THE HEART, AND 39 SLIDES WHICH WERE IDENTICAL IN SIZE AND FORMAT TO THE SLIDES IN EACH OTHER TREATMENT. EVALUATIVE DEVICES WERE A PHYSIOLOGY KNOWLEDGE PRETEST, AND FOUR CRITERION PRETESTS IN DRAWINGS, IDENTIFICATION, TERMINOLOGY, AND COMPREHENSION, WHICH WERE USED AS IMMEDIATE AND TWO-WEEK-DELAYED PRETESTS. DATA FOR THE CRITERION TESTS WERE SUBJECTED TO ANALYSIS OF COVARIANCE, AND MEANS WERE COMPARED BY DUNN'S C-PROCEDURE TO AVOID OBTAINING SPURIOUS SIGNIFICANT DIFFERENCES. IN THE IMMEDIATE POST-TESTS, THE ABSTRACT LINEAR REPRESENTATIONS WERE SUPERIOR TO MORE "REALISTIC" PRESENTATIONS, PROBABLY BECAUSE THEY ISOLATED MATERIAL TO BE LEARNED AND DID NOT PRESENT OTHER IRRELEVANT STIMULI. SIGNIFICANT DIFFERENCES EXISTED ON THE IMMEDIATE POST-TESTS, BUT ON THE DELAYED MEASUREMENT, DIFFERENTIAL EFFECTS OF THE NINE TREATMENTS DISAPPEARED FOR ALL TESTS FOR ALL FOUR GRADES, WITH ONE EXCEPTION. APPENDICES INCLUDE A BIBLIOGRAPHY, THE EVALUATION INSTRUMENTS, THE TEACHER SCRIPT, AND SAMPLE VISUAL ILLUSTRATIONS. (BB)

ED 020 659 40 EM 000 237

HANSON, MARVIN L.

EFFECTIVENESS OF FILM IN CHANGING PARENTAL ATTITUDES. FINAL REPORT.

UTAH UNIV., SALT LAKE CITY

REPORT NUMBER BR-6-1638

PUB DATE JAN 68

GRANT OEG-4-7-061638-1516

EDRS PRICE MF-$0.25 HC-$0.68 15P.

DESCRIPTORS— *CHANGING ATTITUDES, *INSTRUCTIONAL FILMS, *MEDIA RESEARCH, *PARENT ATTITUDES, *SPEECH IMPROVEMENT, PARENT CHILD RELATIONSHIP, PARENT EDUCATION, SPEECH HANDICAPPED, THE SOUND OF A WORD,

PRECEDING AND FOLLOWING THE SHOWING OF A COLOR AND SOUND FILM DESIGNED TO EDUCATE PARENTS CONCERNING THE IMPORTANCE OF THEIR ROLE IN THE DEVELOPMENT OF NORMAL SPEECH HABITS IN THEIR CHILDREN, TWO FORMS OF AN ATTITUDE QUESTIONNAIRE (APPARENTLY NOT TESTED FOR RELIABILITY) WERE FILLED OUT BY AN AUDIENCE OF 56 PARENTS OF CHILDREN WITH ARTICULATION PROBLEMS AND 171 PARENTS OF NORMAL CHILDREN. EIGHTY-EIGHT RESPONDENTS HAPPENED TO COMPLETE FORM A FIRST, AND THEN THEY COMPLETED FORM B AFTER SEEING THE FILM. THE REMAINDER OF THE AUDIENCE COMPLETED THE QUESTIONNAIRE IN REVERSE ORDER AND A RANDOM SAMPLE OF 88 OF THESE RESPONDENTS WAS CHOSEN FOR COMPARISON WITH THE FIRST GROUP. COMPARISONS OF BEFORE/AFTER SCORES FOR BOTH GROUPS SHOWED STATISTICALLY SIGNIFICANT ATTITUDES CHANGE IN THE DESIRED DIRECTION. A FILM EVALUATION QUESTIONNAIRE ELICITED A RATING OF "EXCELLENT" FROM 30 PERCENT OF THE AUDIENCE AND "VERY GOOD" FROM 50 PERCENT. NO "POOR" OR "VERY POOR" RATINGS WERE GIVEN. THE PRODUCTION OF SIMILAR FILMS IS RECOMMENDED. (RS)

ED 020 660 EM 000 242

LERNER, SEYMOUR

THE COMPUTER AS AN AID IN TEACHING MATHEMATICS, AN INSTRUCTIONAL BULLETIN, GRADES 7-10.

LOS ANGELES CITY SCHOOLS, CALIF.

REPORT NUMBER ESEA-5

PUB DATE 67

EDRS PRICE MF-$0.50 HC-$4.36 107P.

DESCRIPTORS— *COMPUTER ASSISTED INSTRUCTION, *COMPUTERS, *MATHEMATICS INSTRUCTION, ANALOG COMPUTERS, CONCEPT FORMATION, CONCEPT TEACHING, DIGITAL COMPUTERS, EDUCATIONAL OBJECTIVES, FORTRAN, INDIVIDUAL STUDY, MATHEMATICAL CONCEPTS, PROBLEM SOLVING, SELF ESTEEM, STUDENT BEHAVIOR, STUDY HABITS, TRANSPARENCIES, WYLE SCIENTIFIC,

THIS GUIDE EXPLAINS HOW A COMPUTER MIGHT BE USED IN MATHEMATICS EDUCATION IN CONJUNCTION WITH THE REGULAR COURSE OF STUDY. STARTING WITH THE PREMISE THAT A CHILD WHO LEARNS TO OPERATE A COMPUTER IS LED BY HIS NEW SELF ESTEEM TOWARD A GREATER INTEREST IN HIS COURSES, THE AUTHORS STATE THAT COMPUTER EDUCATION WILL ALSO MEET THESE OBJECTIVES–(1) INCREASE SKILLS, (2) AID IN CONCEPT UNDERSTANDING, (3) INCREASE PROBLEM SOLVING ABILITY, (4) STIMULATE INDIVIDUAL RESEARCH, AND (5) DEVELOP DESIRABLE HABITS. THE OPERATIONAL PROCEDURES OF COMPUTER USE AND THEIR UNDERLYING IDEA OF FLOW CHARTING ARE THEN EXPLAINED IN THE GUIDE. THESE INCLUDE THE COMPUTER SYSTEM, CLARIFICATION OF COMPUTER CAPABILITIES, CHARACTERISTICS OF THE WYLE SCIENTIFIC, AND LOOPING PROCESSES. PRACTICE PROBLEMS ARE PROVIDED AT THE END OF EACH TOPICAL DISCUSSION, AND A SEPARATE CHAPTER PROVIDES EXAMPLES AND METHODS OF ATTAINING COMPUTER EDUCATION OBJECTIVES. ALSO EXPLAINED ARE DIFFERENT NUMBER NOTATION SYSTEMS, AIDS TO USING COMPUTERS, AND FORTRAN PROGRAMING. APPENDICES INCLUDE SOME POPULAR COMPUTER LANGUAGES, A GLOSSARY, A TABLE OF POWERS OF 2, AND A BIBLIOGRAPHY. TRANSPARENCY MASTERS ARE PROVIDED SEPARATELY. (JO)

ED 020 661 64 EM 005 981

HIGHLIGHTS OF SCHOOLS USING EDUCATIONAL MEDIA.

DEPARTMENT OF AUDIOVISUAL INSTRUCTION, WASH., D.C.

CONTRACT OEC-2-6-062536-1173

EDRS PRICE MF-$1.25 HC NOT AVAILABLE FROM EDRS. 320P.

DESCRIPTORS— *EDUCATIONAL INNOVATION, *INSTRUCTIONAL MATERIALS CENTERS, *INSTRUCTIONAL MEDIA, *SCHOOL SYSTEMS, AUDIOVISUAL INSTRUCTION, BUDGETS, COMPUTERS, CURRICULUM, EDUCATIONAL FACILITIES, ELECTRONIC CLASSROOMS, EQUIPMENT UTILIZATION, INSERVICE PROGRAMS, PROFILE EVALUATION, SCHOOL PERSONNEL, TELEPHONE COMMUNICATION SYSTEMS, TRANSPARENCIES,

THIS IS A GUIDE TO THE EDUCATIONAL PROGRAMS OF 247 SCHOOLS MAKING SIGNIFICANT USE OF INSTRUCTIONAL MEDIA IN THE UNITED STATES. INITIAL IDENTIFICATION OF SCHOOLS WAS ACCOMPLISHED BY SENDING TWO-PART QUESTIONNAIRES TO 12,229 SCHOOL SYSTEMS, PROCESSING DATA FROM 2,148 RETURNED QUESTIONNAIRES, AND SENDING OUT THREE-MAN TEAMS IN EACH OF THE 50 STATES TO VISIT 344 SCHOOL SYSTEMS. VALIDITY AND SOPHISTICATION OF THE PROGRAMS CLAIMED BY EACH SCHOOL WERE CHECKED BY SELF-ADMINISTERED PROFILE SHEETS AND ON-SITE OBSERVATIONS BY SURVEY TEAMS. FINAL SELECTION OF SCHOOLS WAS BASED ON SIZE, EXPENDITURE PER PUPIL, AVAILABILITY OF EASY TRANSPORTATION, CREATIVITY, ADMINISTRATIVE SUPPORT, TEACHER ENTHUSIASM, AND PROGRAM SUCCESS. EACH SCHOOL IS DESCRIBED IN ONE PAGE OF CONDENSED INFORMATION. A CROSS REFERENCE OF INNOVATIVE PRACTICES FOLLOWS THE SUMMARIES OF SCHOOL PROGRAMS. THIS IS FOLLOWED BY STATISTICAL DATA FROM QUESTIONNAIRES AND EVALUATION PROFILES. THE REPORT CONCLUDES WITH A DISCUSSION OF FACTORS THAT ENCOURAGE INNOVATIVE USE OF MEDIA AND SUGGESTS THAT THE GUIDE ITSELF BE UPDATED BIENNIALLY. THIS DOCUMENT IS AVAILABLE AS STOCK NO. 071-02894 FOR $3.00 FROM PUBLICATION SALES, NATIONAL EDUCATION ASSOCIATION, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (JO)

ED 020 662 64 EM 005 995

REPORT TO THE CENTRAL MICHIGAN EDUCATIONAL RESOURCES COUNCIL ON THE FEASIBILITY OF AN INTERCONNECTED TELECOMMUNICATION SYSTEM FOR THE 39 COUNTY REGION OF MICHIGAN.

CENTRAL MICHIGAN EDUCATIONAL RESOURCES COUNCIL

REPORT NUMBER BR-5-1139

PUB DATE 30 JUN 67

GRANT OEG-6-16-003

EDRS PRICE MF-$1.00 HC-$8.44 209P.

DESCRIPTORS— *EDUCATIONAL RESOURCES, *FEASIBILITY STUDIES, *INSTRUCTIONAL TELEVISION, *TELEPHONE COMMUNICATION

SYSTEMS, AUDIO EQUIPMENT, COMPUTERS, COSTS, CURRICULUM DEVELOPMENT, DATA PROCESSING, EDUCATIONAL ADMINISTRATION, EDUCATIONAL TELEVISION, NETWORKS, OPEN CIRCUIT TELEVISION, RADIO, RURAL EDUCATION, SCHOOL ELECTRONICS PLANNING EXERCISE, TAPE RECORDERS,

THIS REPORT EXAMINES THE FEASIBILITY OF ELECTRONICALLY CONNECTING NORTHERN AND CENTRAL MICHIGAN AREA SCHOOLS FOR DATA PROCESSING AND FOR INSTRUCTIONAL, ADMINISTRATIVE, INFORMATION, AND AUDIO SERVICES. DATA GATHERED THROUGH QUESTIONNAIRES, DISCUSSIONS, WORKSHOPS, AND VISITATIONS DEMONSTRATE THE GENERAL DESIRE FOR PARTICIPATION IN AN INSTRUCTIONAL TV SYSTEM WITH A WIDE RANGE OF CLASSROOM COUSES. THE SYSTEM WOULD BE SUPPORTED BY FEDERAL, STATE , AND LOCAL FUNDS. WORKSHOP PROPOSALS FOR TYPES OF ELECTRONIC EQUIPMENT NEEDED AND THEIR COSTS ARE DISCUSSED. PROJECTIONS ARE MADE FOR THE NUMBER OF BROADCAST STATIONS NEEDED (SEVEN, ULTIMATELY), FOR THE AUDIO AND AURAL BROADCAST AND COMMUNICATION SERVICES REQUIRED, AND FOR THE CONTRACTING AND SHARED USE OF COMPUTER SERVICES. APPENDICES INCLUDE QUESTIONNAIRE RESULTS, DESCRIPTIONS OF PRESENT EDUCATIONAL RESOURCES COUNCIL PROGRAMS AND OF THE SCHOOL ELECTRONICS PLANNING EXERCISE (SEPEX), AND DISCUSSION OF THE FOLLOWING IN CONNECTION WITH THE PROPOSED SYSTEM--EDUCATIONAL REQUIREMENTS, OPEN-CIRCUIT TELEVISION SERVICE, COLOR TELEVISION, AND TYPICAL COSTS. (JO)

ED 020 663 **EM 006 144**

COMSTOCK, GEORGE *MACCOBY, NATHAN*

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 1, THE PROJECT AS A WHOLE--ORGANIZATION, ADAPTATION, AND EXPANSION.

STANFORD UNIV., CALIF.INST. FOR COMMUN. RES.

PUB DATE NOV 66

EDRS PRICE MF-$0.50 HC-$3.48 85P.

DESCRIPTORS— *DEVELOPING NATIONS, *EDUCATIONAL FACILITIES, *INSTRUCTIONAL TELEVISION, *PUBLIC EDUCATION, *TEACHER ATTITUDES, ADMINISTRATOR ATTITUDES, AGENCY FOR INTERNATIONAL DEVELOPMENT, COLOMBIA, EDUCATIONAL ADMINISTRATION, EDUCATIONAL TELEVISION, ELEMENTARY EDUCATION, FINANCIAL PROBLEMS, INNOVATION, PEACE CORPS, TEACHER GUIDANCE, TELEVISION CURRICULUM, TELEVISION INSTRUCTION,

IN 1963, THE PEACE CORPS, WITH FINANCIAL SUPPORT FROM THE AGENCY FOR INTERNATIONAL DEVELOPMENT, AGREED TO HELP THE COLOMBIAN GOVERNMENT ESTABLISH A NATIONWIDE EDUCATIONAL TELEVISION SYSTEM DIRECTED PRIMARILY AT IMPROVING PUBLIC EDUCATION. THE TWO YEAR PROJECT, BEGUN IN 1964, HAD TWO MAJOR CONCERNS--TO PRODUCE TELEVISED COURSES AND TO CREATE A NETWORK OF SCHOOLS WITH TELEVISION IN WHICH BROADCASTED "CORE" MATERIAL CAN BE UTILIZED BY TEACHERS. NUMBER OF MINUTES BROADCAST PER WEEK DOUBLED BETWEEN EARLY 1964 AND THE END OF 1966, COURSES TAUGHT INCREASED FROM 10 TO 16, NUMBER OF TEACHERS INVOLVED ROSE FROM 1,000 TO 8,500, AND NUMBER OF STUDENTS ROSE FROM 38,000 TO 350,000, ABOUT ONE-FIFTH OF TOTAL ELEMENTARY SCHOOL ENROLLMENT. SUBJECTS TAUGHT INCLUDED MATHEMATICS, NATURAL AND SOCIAL SCIENCES, AND LANGUAGE ARTS. ESTIMATED COST OF DELIVERING ONE HOUR OF TELEVISION TO ONE PUPIL IN 1965 WAS FIVE U.S. CENTS. PARTICIPATION OF COLOMBIANS INCREASED DURING THE PROJECT AND WAS PARTICULARLY STRONG IN PRODUCTION, INSTALLATION, AND MAINTENANCE OF RECEIVING EQUIPMENT. COLOMBIAN ATTITUDES WERE MAINLY FAVORABLE, AND THE PROJECT AROUSED ENTHUSIASM AMONG THE MAJORITY OF TEACHERS AND ADMINISTRATORS. THE MAJOR PROBLEMS WERE IN PRODUCTION AND PROGRAMING, UTILIZATION IN CLASSROOMS (DUE TO INSUFFICIENT FACILITIES AND MOTIVATION), AND OCCASIONAL LACK OF COMMITMENT FROM AUTHORITIES. (OH)

ED 020 664 **EM 006 145**

COMSTOCK, GEORGE *MACCOBY, NATHAN*

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 2, THE PROJECT'S FIRST SEMESTER--PUPIL ACHIEVEMENT, TEACHER ATTITUDES, AND THE WORK OF THE UTILIZATION VOLUNTEER.

STANFORD UNIV., CALIF.INST. FOR COMMUN. RES.

PUB DATE NOV 66

EDRS PRICE MF-$0.75 HC-$6.48 160P.

DESCRIPTORS— *DEVELOPING NATIONS, *EDUCATIONAL PLANNING, *TEACHER SUPERVISION, *TEACHING METHODS, *TELEVISED INSTRUCTION, ACADEMIC ACHIEVEMENT, AGENCY FOR INTERNATIONAL DEVELOPMENT, COLOMBIA, EDUCATIONAL EXPERIMENTS, EDUCATIONAL TELEVISION, ELEMENTARY EDUCATION, EQUIPMENT UTILIZATION, EXPERIMENTAL TEACHING, GUIDANCE PROGRAMS, INSTRUCTIONAL STAFF, LONGITUDINAL STUDIES, PEACE CORPS, TEACHER ATTITUDES, TEACHER EDUCATION,

THE PEACE CORPS (ETV) PROJECT IN COLOMBIA ENCOUNTERED PROBLEMS IN TV PRODUCTION, INSTALLATION, MAINTENANCE, UTILIZATION OF TELEVISED INSTRUCTION, AND LEADERSHIP. BY JUNE OF THE FIRST SEMESTER TELEVISED ELEMENTARY INSTRUCTION INCLUDED ABOUT 390 SCHOOLS, 2,000 TEACHERS, AND 60,000 PUIPLS. EXTENSIVE RESEARCH INTENDED TO PROVIDE A BASIS FOR CORRECTIVE POLICY-MAKING WAS CONDUCTED. IN A FIELD EXPERIMENT, RESULTS FROM 7,100 TESTS GIVEN TO STUDENTS IN 178 CLASSES IN 10 COURSES SHOWED INCREASED ACHIEVEMENT ATTIRBUTABLE TO THE PROJECT. HOWEVER, DIFFERENCES WERE SMALL BETWEEN A CONTROL GROUP AND THREE TELEISION GROUPS, DIFFERING FROM ONE ANOTHER IN THE AMOUNT OF TEACHER INSTRUCTION BY PEACE CORPS VOLUNTEERS. A PANEL STUDY OF ABOUT 250 TEACHERS INTERVIEWED BEFORE AND AFTER THEIR FIRST SEMESTER OF TELEVISED INSTRUCTION SHOWED THAT MANY TEACHERS HAD NEVER COME IN CONTACT WITH VOLUNTEERS ASSIGNED TO WORK WITH THEM, BUT THAT FOR OTHER TEACHERS, FREQUENT CONTACT WITH VOLUNTEERS APPEARED TO HAVE HAD FAVORABLE IMPACT ON THE TEACHERS' ATTITUDES. TO STUDY THE ROLE OF THE VOLUNTEERS WORKING WITH TEACHERS, INTERVIEWS WERE CONDUCTED WITH 30 VOLUNTEERS AND 19 TEACHERS. TECHNIQUES AND PROCEDURES USED BY VOLUNTEERS VARIED SIGNIFICANTLY, AND SEEMED TO HAVE BEEN DEVELOPED AD HOC. MOST VOLUNTEERS FELT CONSIDERABLE FRUSTRATION, DUE TO LACK OF TRAINING AND EXPERIENCE IN EDUCATION. APPENDICES INCLUDE QUESTIONNAIRE ITEMS, SURVEY PROCEDURES, AND INTERVIEW FORMS. (OH)

ED 020 665 **EM 006 146**

MACCOBY, NATHAN *COMSTOCK, GEORGE*

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 3, IMPROVING THE EFFECTIVENESS OF THE UTILIZATION VOLUNTEER AND THE UTILIZATION OF ETV BY THE COLOMBIAN TEACHER.

STANFORD UNIV., CALIF.INST. FOR COMMUN. RES.

PUB DATE NOV 66

EDRS PRICE MF-$0.25 HC-$1.32 31P.

DESCRIPTORS— *ACADEMIC ACHIEVEMENT, *EDUCATIONAL EXPERIMENTS, *STUDENT MOTIVATION, *TEACHING METHODS, *TELEVISED INSTRUCTION, COLOMBIA, DEMONSTRATIONS (EDUCATIONAL), DEVELOPING NATIONS, EDUCATIONAL TELEVISION, EQUIPMENT UTILIZATION, FEEDBACK, IMPROVEMENT PROGRAMS, INSTRUCTIONAL IMPROVEMENT, INSTRUCTIONAL MEDIA, INSTRUCTIONAL TELEVISION, LEARNING PROCESSES, PEACE CORPS, TEACHER EDUCATION, TECHNICAL ASSISTANCE, TELEVISION RESEARCH,

THIS EXPERIMENT IN THE ETV PROJECT SHOWED THE SUPERIORITY OF PUPIL PRACTICE AS A TEACHING METHOD AND STUDIED THE EFFECTIVENESS OF THE UTILIZATION VOLUNTEER (A PEACE CORPS VOLUNTEER CONCERNED WITH IMPLEMENTING ETV IN THE SCHOOLS) IN DIFFERENT SITUATIONS. THREE TREATMENTS WERE ARRANGED--(1) ACTIVE PUPIL PRACTICE WHERE BROADCASTS WERE COMBINED WITH UNIFORM "MOTIVATION" AND "FOLLOW-UP" BY THE TEACHER, (2) EXPOSITORY, WITH THE SAME CONTENT AS (1), BUT WHERE STUDENTS GOT NO OPPORTUNITY TO RESPOND, AND (3) AD HOC, WHERE TEACHERS USED THEIR OWN METHODS. TREATMENTS (1) AND (2) WERE GUIDED AND SUPERVISED BY VOLUNTEERS. AFTER EIGHT TELECASTS ABOUT 800 STUDENTS WERE GIVEN ACHIEVEMENT TESTS. ACTIVE PUPIL PRACTICE TEST SCORES WERE SUPERIOR TO THOSE OF THE AD HOC GROUP, AND HIGHER COMPARED TO THE EXPOSITORY CONDITION, ALTHOUGH NOT SIGNIFICANTLY HIGHER. NO SYSTEMATIC DIFFERENCES WERE DISCERNIBLE BETWEEN EXPOSITORY AND AD HOC SCORES. IMPLICATIONS FOR TEACHING TECHNIQUES ARE DISCUSSED. (OH)

ED 020 666 **EM 006 147**

COMSTOCK, GEORGE *MACCOBY, NATHAN*

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 4, THE COLOMBIAN TEACHER AND THE UTILIZATION VOLUNTEER--MAKING ETV WORK IN THE SCHOOLS OF A DEVELOPING COUNTRY.

STANFORD UNIV., CALIF.INST. FOR COMMUN. RES.

PUB DATE NOV 66

EDRS PRICE MF-$0.75 HC-$6.44 159P.

DESCRIPTORS— *ELECTRONIC EQUIPMENT, *EQUIPMENT UTILIZATION, *INSTRUCTIONAL TELEVISION, *SCHOOL ORGANIZATION, *TEACHING CONDITIONS, ADMINISTRATIVE PROBLEMS, COLOMBIA, CONSULTANTS, DEVELOPING NATIONS, EDUCATIONAL FACILITIES, EDUCATIONAL TELEVISION, INSTRUCTIONAL IMPROVEMENT, PEACE CORPS, TEACHER ATTITUDES, TECHNICAL ASSISTANCE, TELEVISED INSTRUCTION,

TO FOCUS ON THE DAILY USE OF ETV IN COLOMBIAN SCHOOLS AND ON THE IMPACT OF THE PEACE CORPS UTILIZATION VOLUNTEERS WHO PROMOTED THE EFFECTIVE USE OF TV, SEVERAL SURVEYS WERE CONDUCTED WITH COLOMBIAN TEACHERS DURING 1964-65, THE LARGEST WITH 1,884 TEACHERS AT THE END OF THE SECOND SEMESTER IN 1965. IT WAS FOUND THAT NON-TEACHING PROBLEMS CONSISTUTED A CONSIDERABLE OBSTACLE TO SUCCESSFUL USE OF TELEVISION. THESE INVOLVED PHYSICAL FACILITIES, SCHOOL ORGANIZATION AROUND TELEVISION USE, AND TECHNOLOGICAL ASPECTS OF TELEVISION USE. THE HIGH FREQUENCY OF THESE PROBLEMS INDICATED THAT "SCHOOL DEVELOPMENT" WAS THE MOST IMPORTANT TASK FOR THE VOLUNTEERS, RATHER THAN, AS ANTICIPATED, ADVISING TEACHERS ON USE OF TELEVISED INSTRUCTION IN THEIR OWN TEACHING. THE RESULTS SHOWED A HIGHLY SIGNIFICANT ASSOCIATION BETWEEN VOLUNTEER HELP AND THE MINIMIZATION OF THESE NON-TECHNICAL PROBLEMS. THE MAJORITY OF THE TEACHERS WANTED AS MUCH IF NOT MORE CONTACT WITH THE VOLUNTEERS. CONCURRENTLY, TEACHERS' CONTACT WITH COLOMBIAN OFFICIALS INCREASED CLEARLY, WHICH WAS INTERPRETED AS A SUCCESSFUL STEP TOWARD A PLANNED COLOMBIAN TAKEOVER OF THE PROJECT. (OH)

ED 020 667 **EM 006 148**

COMSTOCK, GEORGE MACCOBY, NATHAN
THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 6, INSTRUCTIONAL TELEVISION FOR THE IN-SERVICE TRAINING OF THE COLOMBIAN TEACHER.
STANFORD UNIV., CALIF.INST. FOR COMMUN. RES.
PUB DATE NOV 66
EDRS PRICE MF-$0.50 HC-$2.56 62P.
DESCRIPTORS— *DISCUSSION (TEACHING TECHNIQUE), *INSERVICE TEACHER EDUCATION, *TEACHER ATTITUDES, *TELEVISED INSTRUCTION, COLOMBIA, DEVELOPING NATIONS, EDUCATIONAL TELEVISION, FEEDBACK, GROUP INSTRUCTION, INSTRUCTIONAL TELEVISION, MATHEMATICS TEACHERS, MODERN MATHEMATICS, PEACE CORPS, TEACHER MOTIVATION, TEACHER PARTICIPATION, TEACHING PROCEDURES, TELEVISION CURRICULUM, TELEVISION VIEWING,
IN ORDER TO EVALUATE THE EFFECTIVENESS OF A 17-PROGRAM TELEVISED COURSE IN MODERN MATHEMATICS FOR PRIMARY SCHOOL TEACHERS PARTICIPATING IN THE PEACE CORPS ETV PROJECT, A MATH TEST AND A QUESTIONNAIRE WERE ADMINISTERED TO 1341 TEACHERS, DIVIDED BETWEEN COURSE VIEWERS AND NON-VIEWERS. MORE THAN HALF OF THE TEACHERS HAD VIEWED MORE THAN HALF OF THE PROGRAMS. TEST PERFORMANCE AND VIEWING OF THE COURSE WERE FOUND TO BE CLEARLY AND POSITIVELY RELATED. SUPERVISION OF VIEWING SESSIONS BY PEACE CORPS VOLUNTEERS WAS POSITIVELY RELATED TO AMOUNT OF VIEWING, AND THUS CONSTITUTED ONE MEANS OF INCREASING THE AUDIENCE. REGULAR AND FREQUENT DISCUSSIONS WITH OTHER TEACHERS AFTER EACH PROGRAM RESULTED IN SIGNIFICANTLY HIGHER TEST SCORES COMPARED TO NO SUCH DISCUSSIONS. THE MOST WANTED INSTRUCTIONAL AIDS TO ACCOMPANY TELEVISED INSTRUCTION WERE OPPORTUNITIES TO ASK QUESTIONS OF AN EXPERT OR TO PARTICIPATE IN A CONFERENCE LED BY AN EXPERT. THIS SUGGESTS THAT THE GREATEST DEMAND IN TELEVISED INSTRUCTION TO TEACHERS IS FOR FEEDBACK. (OH)

ED 020 668 EM 006 149
COMSTOCK, GEORGE MACCOBY, NATHAN
THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 8, THE TELEVISED CURRICULUM AND THE COLOMBIAN TEACHER.
STANFORD UNIV., CALIF.INST. FOR COMMUN. RES.
PUB DATE NOV 66
EDRS PRICE MF-$0.50 HC-$4.80 118P.
DESCRIPTORS— *DEVELOPMENT NATIONS, *TEACHER ATTITUDES, *TEACHER GUIDANCE, *TELEVISED INSTRUCTION, *TELEVISION CURRICULUM, COLOMBIA, CURRICULUM DEVELOPMENT, CURRICULUM EVALUATION, EDUCATIONAL TELEVISION, INSTRUCTIONAL TELEVISION, LANGUAGE INSTRUCTION, LESSON PLANS, MATHEMATICS INSTRUCTION, MUSIC EDUCATION, PEACE CORPS, SCIENCE INSTRUCTION, SOCIAL SCIENCES,
DATA FROM SURVEYS OF COLOMBIAN TEACHERS' OPINIONS OF THE PEACE CORPS ETV PROJECT SHOWED THAT ALTHOUGH THE TEACHERS WERE GENERALLY PLEASED, THEY FELT THERE WAS MUCH ROOM FOR IMPROVEMENT IN THE CURRICULUM AND THE TEACHER GUIDES. AFTER EACH OF FOUR SEMESTERS, QUESTIONNAIRES WERE GIVEN TO TEACHERS WHO HAD ACTUALLY USED TELEVISED COURSES IN THEIR CLASSROOMS. CONSISTENTLY, BETWEEN 80 AND 90 PERCENT THOUGHT THAT TELEVISION COULD HELP THEM "A GREAT DEAL," THE MOST FAVORABLE OF SEVEN ALTERNATIVES. INDIVIDUAL COURSES WERE RATED BY A SEVEN-PART "-DISSATISFACTION INVENTORY." THE MOST FREQUENTLY MENTIONED COMPLAINTS WERE THAT "COURSES COVER TOO MUCH MATERIAL" AND THAT PUPILS COULD NOT "SEE CLEARLY OBJECTS, MAPS AND THINGS SHOWN." IN REGARD TO TEACHERS' RATING OF THE CURRICULUM AS A WHOLE, COMPUTED AS THE AVERAGE FOR ALL COURSES, THE NUMBER SAYING "EXCELLENT" INCREASED FROM 32 TO 47 PERCENT DURING THE TWO YEAR PROJECT. THE RELATIVE RANKING OF THE COURSES WAS FAIRLY CONSISTENT OVER THE TWO YEARS--NATURAL SCIENCES COURSES WERE MOST FAVORABLY RECEIVED, FOLLOWED BY LANGUAGE ARTS, MATHEMATICS, AND SOCIAL SCIENCES. TEN PERCENT OF THE TEACHERS COMPLAINED THAT THE TEACHER GUIDES GAVE INSUFFICIENT INFORMATION AND WERE DIFFICULT TO UNDERSTAND. APPENDICES INCLUDE QUESTIONNAIRE ITEMS DISCUSSED IN THE TEXT. (OH)

ED 020 669 EM 006 150
COMSTOCK, GEORGE MACCOBY, NATHAN
THE PEACE CORPS EDUCATIONAL TELEVISION PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 10, FEEDBACK TO THE PEACE CORPS ON PROJECT PROGRESS--SOME MODELS AND SUGGESTIONS.
STANFORD UNIV., CALIF.INST. FOR COMMUN. RES.
PUB DATE NOV 66
EDRS PRICE MF-$0.50 HC-$4.00 98P.
DESCRIPTORS— *FEEDBACK, *METHODS RESEARCH, *TEACHER ATTITUDES, *TELEVISED INSTRUCTION, COLOMBIA, CRITICAL INCIDENTS METHOD, CURRICULUM DEVELOPMENT, CURRICULUM EVALUATION, DEVELOPING NATIONS, EDUCATIONAL TELEVISION, EVALUATION METHODS, FIELD INTERVIEWS, INSTRUCTIONAL TELEVISION, MEASUREMENT TECHNIQUES, MODELS, PARTICIPANT SATISFACTION, PEACE CORPS, PRIMARY EDUCATION, PROGRAM EFFECTIVENESS, STUDENT MOTIVATION, STUDENT TESTING, TEACHER EDUCATION,
RESEARCH TECHNIQUES EMPLOYED TO EVALUATE THE EFFECTIVENESS OF THE PEACE CORPS ETV PROJECT STEMMED FROM TWO MODELS OF FEEDBACK. INFORMATION PROVIDED IN "INDIVIDUAL FEEDBACK" IS OF VALUE AT A PRAGMATIC LEVEL, WHEREAS INFORMATION FROM "PROJECT FEEDBACK" CAN BE USED BY ADMINISTRATORS FOR POLICY DECISIONS. THE MAJOR TOOL FOR PROJECT FEEDBACK, TREATED ALONE IN THIS REPORT, WAS SELF-COMPLETION MAIL-RETURN QUESTIONNAIRES, DISTRIBUTED BY PEACE CORPS VOLUNTEERS WORKING IN THE FIELD AND DESIGNED TO MEASURE COLOMBIAN TEACHERS' ATTITUDES TOWARD THE PROJECT. RESEARCHERS WERE PLEASED WITH THE METHODOLOGICAL SUCCESS OF THE QUESTIONNAIRES, WHICH WERE USED IN SIX PROJECT SURVEYS. QUESTIONNAIRE ITEMS COVERED SATISFACTION WITH THE TELEVISION CURRICULUM, DISSATISFACTION WITH THE CURRICULUM (THROUGH A SPECIALLY DEVELOPED "CHECK-LIST" PROCEDURE), SATISFACTION WITH TELEVISED COURSES FOR TEACHERS, AND EVALUATION OF TEACHER GUIDES FOR PREPARING LESSONS AND MOTIVATING STUDENTS. ADDITIONAL RESEARCH TECHNIQUES TO OBTAIN FEEDBACK WERE SYSTEMATIC TEACHER INTERVIEWS, SCHOOL AND CLASS VISITS, SMALL SCALE TESTING, USE OF AN ETV LABORATORY, AND THE CRITICAL INCIDENT TECHNIQUE. APPENDICES INCLUDE QUESTIONNAIRES IN BOTH SPANISH AND ENGLISH, WITH REFERENCES TO DISCUSSION OF ITEMS IN THE TEXT OF THIS REPORT. (LH)

ED 020 670 EM 006 156
WADE, WARREN L.
TV EQUIPMENT, SYSTEMS, FACILITIES, AND PERSONNEL--A GUIDE FOR SCHOOL ADMINISTRATORS, A STUDY PREPARED FOR THE CALIFORNIA PUBLIC SCHOOLS INSTRUCTIONAL TV COMMITTEE.
SANTA CLARA COUNTY OFFICE OF EDUC.,SAN JOSE, CALIF
PUB DATE APR 65
EDRS PRICE MF-$0.25 HC-$1.96 47P.
DESCRIPTORS— *COSTS, *ELECTRONIC EQUIPMENT, *FACILITIES, *INSTRUCTIONAL TELEVISION, *TELEVISED INSTRUCTION, BROADCAST RECEPTION EQUIPMENT, BROADCAST TELEVISION, CENTRAL PROJECTION SYSTEM, CLOSED CIRCUIT TELEVISION, CONSTRUCTION NEEDS, EDUCATIONAL TELEVISION, ENGINEERING TECHNICIANS, EQUIPMENT EVALUATION, EQUIPMENT UTILIZATION, INSTRUCTIONAL TELEVISION FIXED SERVICE, PERSONNEL, TECHNOLOGICAL ADVANCEMENT, VIDEO TAPE RECORDINGS,
TELEVISED INSTRUCTION IS WIDESPREAD, YET THERE EXISTS LITTLE QUALIFIED, IMPARTIAL INFORMATION EXPRESSED IN NON-TECHNICAL TERMS (AS IN THIS REPORT), CONCERNING EQUIPMENT AND PERSONNEL STANDARDS, REQUIREMENT, AND COSTS, FOR SCHOOL ADMINISTRATORS TO CONSULT. EVALUATION OF THE MEDIUM'S POTENTIAL MUST BE BASED ON INFORMATION CONCERNING TELEVISION'S CHARACTERISTICS AND ON ADMINISTRATIVE CONSIDERATIONS. AN INSTRUCTIONAL TELEVISION SYSTEM CONSISTS OF ORIGINATION, TRANSMISSION, AND RECEPTION-DISTRIBUTION SUBSYSTEMS. IT HAS THESE CHARACTERISTICS--IT CAN TRANSPORT IMPULSES, MULTIPLY THE POTENTIAL AUDIENCE, JUXTAPOSE NORMALLY SEPARATED OBJECTS, MAGNIFY SMALL OBJECTS, AND TRANSPOSE IMAGES IN DIFFERENT WAYS. FURTHERMORE, TELEVISION IS IMMEDIATE AND REPRODUCIBLE. GIVEN ALL THESE TECHNICAL POSSIBILITIES, SCHOOL ADMINISTRATORS MUST SPECIFY WHAT THEY EXPECT A PROPOSED TELEVISION SYSTEM TO DO, AND UNDER WHICH CONDITIONS. EACH PIECE OF EQUIPMENT MUST BE ANALYZED IN TERMS OF ITS FUNCTIONS. FINALLY, EVERY OTHER CONCEIVABLE ALTERNATIVE FOR PERFORMING THE TASK MUST BE EXAMINED TO MAKE SURE THAT THE PROPOSED SYSTEM IS THE BEST FOR THE GIVEN EDUCATIONAL NEEDS AND BUDGET. (OH)

ED 020 671 EM 006 167
JOHNSTON, RAYMOND F. FIEL, NICHOLAS J.
STRUCTURED LEARNING AND TRAINING ENVIRONMENTS--A PREPARATION LABORATORY FOR ADVANCED MAMMALIAN PHYSIOLOGY.
MICHIGAN ST. UNIV., EAST LANSING,EDUC.DEV. PROGRAM
REPORT NUMBER MSU-EDP-PR-203
PUB DATE MAR 67
EDRS PRICE MF-$0.25 HC-$1.44 34P.
DESCRIPTORS— *EDUCATIONAL ENVIRONMENT, *LEARNING LABORATORIES, CARRELS, KODAK, KOSS, LABORATORY EQUIPMENT, LABORATORY EXPERIMENTS, LABORATORY TECHNIQUES, LINEAR PROGRAMING, PHYSIOLOGY, SINGLE CONCEPT FILMS, TAPE RECORDINGS, VIKING,
A PREPARATION LABORATORY WAS DESIGNED TO FAMILIARIZE STUDENTS IN ADVANCED MAMMALIAN PHYSIOLOGY WITH LABORATORY SKILLS AND TECHNIQUES AND THUS SHORTEN THE TIME THEY SPEND IN SETTING UP ACTUAL EXPERIMENTS. THE LABORATORY LASTS 30 MINUTES, IS FLEXIBLE AND SIMPLE OF OPERATION, AND DOES NOT REQUIRE A PROFESSOR'S PRESENCE. THE BASIC TRAINING UNIT IS THE INDIVIDUAL LEARNING CARREL, EQUIPPED WITH KODAK CAROSEL MODEL AV 900, VIKING DECK TAPE, KOSS HEADPHONES, AND 16" X 16" CARDBOARD SCREENS. THREE MOVIE PROJECTORS, A CENTER TABLE AND A STORAGE CABINET COMPLETE THE LABORATORY SETTING. LABORATORIES WERE DEVELOPED IN NINE AREAS OF PHYSIOLOGY. WRITTEN OVERVIEWS, SLIDES, TAPES, SINGLE CONCEPT FILMS, AND LINEAR PROGRAMS PROVIDE THE STUDENT WITH A KNOWLEDGE OF REQUIRED EXPERIMENTAL PROCEDURES. ALTHOUGH THERE WERE NO CONTROL GROUPS TO BE COMPARED, A COMPARISON BASED ON ESTIMATES SHOWED THAT STUDENTS WHO WENT THROUGH PREPARATION LABORATORIES REQUIRED ABOUT 105 MINUTES TO COMPLETE PRE-EXPERIMENT SETUPS AS COMPARED TO 135 MINUTES FOR STUDENT NOT USING THE

FACILITY. QUESTIONNAIRES ALSO REVEALED STUDENTS' PREFERENCE FOR THE PREPARATION LABORATORIES. THERE WAS NO EVIDENCE THAT PREPARATION LABORATORIES PROVIDED A BETTER KNOWLEDGE OF PHYSIOLOGY. (JO)

ED 020 672 **EM 006 211**
KOENIG, ALLAN E., ED. *HILL, RUANE B., ED.*
THE FARTHER VISION, EDUCATIONAL TELEVISION TODAY.
WISCONSIN UNIV., MADISON
PUB DATE 67
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *EDUCATIONAL TELEVISION, *INSTRUCTIONAL TELEVISION, *TELEVISED INSTRUCTION, *TELEVISION CURRICULUM, CATV, CLOSED CIRCUIT TELEVISION, COMMERCIAL TELEVISION, COMMUNICATION SATELLITES, COMSAT, COSTS, CURRICULUM DEVELOPMENT, EDUCATIONAL EQUIPMENT, EDUCATIONAL HISTORY, EDUCATIONAL PHILOSOPHY, EEN, EQUIPMENT UTILIZATION, FCC, HIGHER EDUCATION, ITFS, NAEB, NET, NETWORKS, TEACHER EDUCATION, TEACHER EDUCATION CURRICULUM, TELEVISION RESEARCH, TELEVISION TEACHERS,
THIS IS A COLLECTION OF ARTICLES CONCERNED WITH ETV. ITS HISTORY AND ITS PHILOGOPHY OF USE ARE DISCUSSED. DIFFERENT ROLES OF OPEN CIRCUIT BROADCAST ETV STATIONS AND NETWORKS IN RELATIONSHIPS WITH EACH OTHER AND WITH THEIR COMMUNITIES–UNIVERSITY, LOCAL, STATE, AND NATIONAL–ARE IDENTIFIED. CLOSED CIRCUIT TV AND TELEVISION IN THE SPECIFIC CONTEXT OF THE CLASSROOM (ITV) ARE DESCRIBED. FOUR MAJOR PROBLEM AREAS AFFECTING ETV GENERALLY ARE COVERED-FINANCING, PROGRAMING, RESEARCH, AND ETV TEACHER RIGHTS AND STATUS. IN THE AREA OF EDUCATION, THERE IS A DISCUSSION OF TELEVISION'S GENERAL NEEDS, THE SPECIFIC NEEDS OF ETV, A PROPOSAL FOR INTERNSHIPS IN ETV, AND THE PROBLEM OF TRAINING THE CLASSROOM TEACHERS WHO USE ETV. FINALLY, THE IMPLICATIONS OF SATELLITES ARE TAKEN UP. APPENDED ARE "THE FINDINGS OF THE CARNEGIE COMMISSION ON ETV" AND "THE PUBLIC BROADCASTING ACT OF 1967." THIS DOCUMENT IS AVAILABLE FROM THE UNIVERSITY OF WISCONSIN PRESS, BOX 1379, MADISON, WISCONSIN 53701. (MT)

ED 020 673 **EM 006 237**
BARSON, JOHN
INSTRUCTIONAL SYSTEMS DEVELOPMENT–A DEMONSTRATION AND EVALUATION PROJECT. FINAL REPORT.
MICHIGAN ST. UNIV., EAST LANSING
REPORT NUMBER BR-5-1411
PUB DATE 1 JUN 67
CONTRACT OEC-5-16-025
EDRS PRICE MF-$0.50 HC-$5.08 125P.
DESCRIPTORS— *INSTRUCTIONAL DESIGN, *INSTRUCTIONAL IMPROVEMENT, *INSTRUCTIONAL MEDIA, *SYSTEMS DEVELOPMENT, DECISION MAKING, DEMONSTRATION PROJECTS, ECONOMICS, EDUCATION, ENGLISH INSTRUCTION, GEOGRAPHY INSTRUCTION, HISTORY INSTRUCTION, INFORMATION DISSEMINATION, INSTRUCTIONAL MATERIALS CENTERS, MANAGEMENT, MICHIGAN STATE UNIVERSITY, MODELS, PHILOSOPHY, PSYCHOLOGY, STATISTICS,
FOUR UNIVERSITIES COOPERATED WITH THE INSTRUCTIONAL MEDIA CENTER AT MICHIGAN STATE UNIVERSITY TO TEST, DEMONSTRATE, AND REFINE A MODEL FOR MEDIA INNOVATION AND INSTRUCTIONAL DEVELOPMENT WHICH HAD BEEN DESIGNED IN A EARLIER PROJECT. MEDIA, EVALUATIVE, AND INSTRUCTIONAL SPECIALIST CAPABILITIES WERE TEAMED TO THE DECISION PROCESSES OF THE INSTRUCTORS AND BROUGHT TO BEAR ON INSTRUCTIONAL PROBLEMS UNDER THE GUIDANCE OF THE MODEL'S PRECONCEIVED, SEQUENTIAL SYSTEM OF DECISION MAKING. EACH UNIVERSITY STAFF SUBMITED TAPE RECORDINGS OF ALL MEETINGS, EXPECTATION AND REACTION FORMS, SUMMARY LOGS, AND QUARTERLY AND TERMINAL REPORTS. PROJECT COURSES CHOSEN HAD LARGE ENROLLMENTS AND WERE IN ENGLISH, STATISTICS, MANAGEMENT, PSYCHOLOGY, PHILOSOPHY OF EDUCATION, ECONOMICS, AND GEOGRAPHY. ALL PARTICIPANTS IN THE INSTRUCTIONAL DEVELOPMENT TRIALS FOUND THE DECISION STEPS FLOWCHART TO BE PRACTICAL IN ANALYZING AND IMPROVING THE TEACHING APPROACH, BUT DUE TO DIFFERENT STYLES IN DECISION MAKING AND TO TROUBLE IN INITIALLY SPECIFYING BEHAVIORAL OBJECTIVES FOR THE COURSES, THE FLOWCHART WAS USED IN A VARIETY OF DIFFERENT WAYS, AND SEVERAL OF THE PROJECT TEAMS MODIFIED IT TO FIT THEIR NEEDS. DISSEMINATION OF INFORMATION CONCERNING THE PROJECT WAS CARRIED OUT THROUGH VISITS, CONFERENCES, AND PRESENTATIONS TO PROFESSIONAL MEETINGS. (BB)

ED 020 674 **56** **EM 006 293**
FRINCKE, GERALD L. *STOLUROW, LAWRENCE M.*
THREE METHODS OF PROCESSING STUDENT RESPONSE DATA IN PROGRAMED INSTRUCTION. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 7.
ILLINOIS UNIV., URBANA
REPORT NUMBER NDEA-7A-806
PUB DATE JUL 64
EDRS PRICE MF-$0.25 HC-$1.04 24P.
DESCRIPTORS— *DATA PROCESSING, *EVALUATION TECHNIQUES, *PROGRAMED INSTRUCTION, *STUDENT TESTING, *TEST RESULTS, ALGEBRA, AUTIOINSTRUCTIONAL PROGRAMS, COMPARATIVE ANALYSIS, DATA SHEETS, EDUCATIONAL TESTING SERVICE, EVALUATION NEEDS, IBM 1620, SCRIBE, SECONDARY SCHOOL MATHEMATICS,
WORKSHEETS FROM AN AUTO-INSTRUCTIONAL PROGRAM IN HIGH SCHOOL ALGEBRA WERE USED TO COMPARE DATA PROCESSING METHODS. IN THE SCRIBE SYSTEM, WORKSHEET DATA IS TRANSFERRED FIRST ONTO SPECIAL SHEETS REQUIRING RECORDING OF ERRORS AND OMISSIONS ONLY, AND THEN ONTO IBM CARDS. THE IBM CARDS CAN BE USED IN A SPECIAL IBM 1620 ITEM DIFFICULTY ANALYSIS PROGRAM. THE SIMPLE MANUAL METHOD RESULTS IN A "CONDENSED TABULATION SHEET," WHICH HAS THE ADVANTAGES OF IMMEDIATE IMPLEMENTATION AND COMPACT DISPLAY OF LARGE AMOUNTS OF DATA, BUT THE DISADVANTAGE OF MANUAL ROW AND COLUMN COUNTS. THE DIRECT KEYPUNCH METHOD USES THE SAME LAYOUT AND CODING AS THE SCRIBE SYSTEM, BUT THE DATA ARE RECORDED DIRECTLY ONTO IBM CARDS WITHOUT THE INTERVENING SCRIBE SHEET. IN THIS COMPARISON, THE KEYPUNCH METHOD WAS RECOMMENDED, FOLLOWED BY THE CONDENSED TABULATION SHEET METHOD WHEN IBM EQUIPMENT IS NOT AVAILABLE. THE SCRIBE SYSTEM WAS RECOMMENDED ONLY WHEN A KEYPUNCH IS NOT AVAILABLE, DATA VOLUME IS LARGE, AND A TIME LAG IS NOT OBJECTIONABLE. A SAMPLE SCRIBE SHEET, INSTRUCTIONS FOR RECORDING WORKSHEET DATA ON SCRIBE SHEETS, A SAMPLE DISPLAY OF SCRIBE OUTPUT, SAMPLE ITEM ANALYSIS OUTPUT, AND A SAMPLE CONDENSED TABULATION SHEET ARE INCLUDED. (BB)

ED 020 675 **56** **EM 006 297**
BROWN, O. ROBERT, JR.
ACHIEVEMENT OF STUDENTS FROM GROUPS INSTRUCTED BY PROGRAMED MATERIALS, CLASSROOM TEACHER, OR BOTH. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 12.
ILLINOIS UNIV., URBANA
REPORT NUMBER NDEA-7A-806
PUB DATE JUL 64
EDRS PRICE MF-$0.25 HC-$1.60 38P.
DESCRIPTORS— *EQUATED SCORES, *MATHEMATICS INSTRUCTION, *PROGRAM EVALUATION, *PROGRAMED INSTRUCTION, *PROGRAMED TEXTS, ABILITY GROUPING, ACADEMIC ACHIEVEMENT, ALGEBRA, GRADE 9, INSTRUCTIONAL MATERIALS, PROGRAMED UNITS, SECONDARY SCHOOL MATHEMATICS, SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, TEST OF GENERAL ABILITY,
THE EXPERIMENTAL DESIGN IN THIS STUDY OF THE USE OF PROGRAMED MATERIALS TO TEACH HIGH SCHOOL MATHEMATICS DESIGNATED FOUR GROUPS--A CONTROL GROUP TAUGHT CONVENTIONALLY BY TEACHERS TRAINED TO USE PROGRAMED MATERIALS, A "PURE" GROUP USING PROGRAMED MATERIALS ONLY, AND "ANTICIPATING" AND "FOLLOWING" GROUPS THAT USED PROGRAMED MATERIALS BEFORE AND AFTER CONVENTIONAL CLASSROOM TEACHING OF THE SAME MATERIAL. DUE TO INADEQUATE DATA, THE "FOLLOWING" GROUP WAS NOT INCLUDED IN THE ANALYSIS. MATCHED PAIRS OF SUBJECTS, NINTH GRADERS FROM 20 CLASSES IN 16 SCHOOLS, WERE BASED ON APTITUDE AND ABILITY PRE-TESTS, BUT THE CLASSES REMAINED INTACT FOR THE DIFFERENT EXPERIMENTAL GROUPS, AND ONLY THE SCORES OF STUDENTS WHO HAD COMPLETED BOTH PRE-TESTS AND THE ACHIEVEMENT TEST WERE USED FOR ANALYSIS. COMPARISON OF SCORES BETWEEN "PURE" AND CONTROL TREATMENTS INVOLVED 90 PAIRS OF STUDENTS, BETWEEN "ANTICIPATING" AND CONTROL 53 PAIRS, AND BETWEEN "ANTICIPATING" AND "PURE" 52 PAIRS. A STUDENT'S SCORES COULD APPEAR IN MORE THAN ONE COMPARISON. RESULTS SHOWED SIGNIFICANT DIFFERENCES IN ACHIEVEMENT IN FAVOR OF THE CONTROL COMPARED TO THE "PURE" GROUP, NO DIFFERENCES BETWEEN "ANTICIPATING" AND CONTROL GROUPS, AND DIFFERENCES FAVORING THE "ANTICIPATING" OVER THE "PURE" GROUP. (OH)

ED 020 676 **EM 006 298**
ROSEN, ELLEN F. *STOLUROW, LAWRENCE M.*
AN ATTEMPT TO FIND AN A PRIORI MEASURE OF STEP SIZE. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 13.
ILLINOIS UNIV., URBANA
REPORT NUMBER NDEA-7A-806
PUB DATE JUL 64
EDRS PRICE MF-$0.25 HC-$1.08 25P.
DESCRIPTORS— *MATHEMATICS INSTRUCTION, *PROGRAMED INSTRUCTION, *PROGRAMED TEXTS, LEARNING DIFFICULTIES, LEARNING PROCESSES, MATHEMATICS MATERIALS, PROGRAMING PROBLEMS,
IN ORDER TO FIND A GOOD PREDICTOR OF EMPIRICAL DIFFICULTY, AN OPERATIONAL DEFINITION OF STEP SIZE, TEN PROGRAMER-JUDGES RATED CHANGE IN COMPLEXITY IN TWO VERSIONS OF A MATHEMATICS PROGRAM, AND THESE RATINGS WERE THEN COMPARED WITH MEASURES OF EMPIRICAL DIFFICULTY OBTAINED FROM STUDENT RESPONSE DATA. THE TWO VERSIONS, A 54 FRAME BOOKLET AND A 35 FRAME BOOKLET MADE BY DELETING UNNECESSARY FRAMES FROM THE FIRST BOOKLET, WERE TESTED IN THREE TEACHING MODES. ONE USED THE PROGRAM ONLY, ONE USED CONVENTIONAL TEACHING FOLLOWED BY THE PROGRAM, AND ONE USED THE PROGRAM FOLLOWED BY TEACHING. JUDGES RATED HALF OF EACH PROGRAM, FRAME BY FRAME, ON A TEN POINT SCALE OF FOUR CHARACTERISTICS–THE CONCEPT, THE VEHICLE, THE NUMERAL, AND THE RESPONSE. THE AVERAGE EMPIRICAL DIFFICULTY OF THE TWO VERSIONS DID NOT DIFFER, INDICATING THAT THE STEP SIZE AND NUMBER OF FRAMES DELETED ARE MOST LIKELY NOT IN ONE-TO-ONE CORRESPONDENCE. IT WAS CONCLUDED THAT JUDGES CAN RELIABLY ESTIMATE EMPIRICAL DIFFICULTY AND THAT THE RESPONSE AND NUMERICAL INDICES ARE MOST PROMISING FOR THIS PURPOSE. (BB)

ED 020 677 56 EM 006 299
BEANE, DONALD G.
A COMPARISON OF LINEAR AND BRANCHING TECHNIQUES OF PROGRAMED INSTRUCTION IN PLANE GEOMETRY. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 1.
ILLINOIS UNIV., URBANA
REPORT NUMBER NDEA-7A-806
PUB DATE JUL 62
EDRS PRICE MF-$0.50 HC-$4.92 121P.
DESCRIPTORS— *BRANCHING, *CONVENTIONAL INSTRUCTION, *LINEAR PROGRAMING, *PROGRAMED INSTRUCTION, *RETENTION, ABILITY, B.F. SKINNER, GEOMETRY, HENNON NELSON TEST OF MENTAL ABILITY, NORMAN CROWDER, PROGRAMED MATERIALS, STUDENT ATTITUDES,
SIXTY-FIVE STUDENTS IN TWO CLASSES IN HIGH SCHOOL GEOMETRY WERE ASSIGNED BY STRATIFIED RANDOM PROCEDURE ON THE BASIS OF THE HENNON-NELSON TEST OF MENTAL ABILITY TO FOUR EXPERIMENTAL GROUPS–TWO USING A LINEAR OR A BRANCHING TYPE PROGRAM EXCLUSIVELY, AND TWO SWITCHING PROGRAM TYPE MIDWAY THROUGH THE EXPERIMENT. A THIRD CLASS, TAUGHT BY THE SAME TEACHER, WAS GIVEN CONVENTIONAL INSTRUCTION. BOTH PROGRAMS WERE CONSTRUCTED FROM THE TEXT NORMALLY USED BY THE CLASS, THE LINEAR WITH VERY SMALL STEPS, AND THE AN ACHIEVEMENT TEST WAS ADMINISTERED AS PRETEST, POST-TEST, AND AN AHIEVEMENT TEST WAS ADMINISTERED AS PRETEST, POST-TEST, AND SEVEN WEEK DELAYED RETENTION TEST. AN ATTITUDE QUESTIONNAIRE WAS GIVEN HALFWAY THROUGH THE EXPERIMENT, WITH THE POST-TEST, AND WITH THE RETENTION TEST. ANALYSES OF VARIANCE SHOWED NO SIGNIFICANT DIFFERENCES AMONG EXPERIMENTAL GROUPS IN ACHIEVEMENT OR RETENTION, ALTHOUGH A SUB-GROUP OF HIGH ABILITY PERFORMED SIGNIFICANTLY BETTER THAN ONE OF LOW ABILITY STUDENTS IN ALL CONDITIONS. ALTHOUGH ALL EXPERIMENTAL GROUPS PREFERRED PROGRAMED TO CONVENTIONAL INSTRUCTION DURING AND IMMEDIATELY AFTER THE EXPERIMENT, NO PREFERENCE WAS SHOWN SEVEN WEEKS LATER. THE LINEAR PROGRAM WAS PREFERRED TO THE BRANCHING PROGRAM BY THE ENTIRE GROUP, ALTHOUGH IT TOOK SIGNIFICANTLY LONGER TO COMPLETE THAN THE BRANCHING PROGRAM. (BB)

ED 020 678 EM 006 300
INDEX TO 35MM EDUCATIONAL FILMSTRIPS.
UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES
PUB DATE 68
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *AUDIOVISUAL INSTRUCTION, *FILMSTRIPS, *INDEXES (LOCATERS), *REFERENCE BOOKS, *RESOURCE GUIDES, AUDIOVISUAL AIDS, CATALOGS,
THE FIRST OF THE THREE PRINCIPAL SECTIONS OF THIS REFERENCE WORK IS A CROSS-REFERENCED SUBJECT MATTER SECTION SERVING AS A GUIDE TO SPECIFIC FILMSTRIPS THROUGH EITHER A GENERAL SUBJECT (E.G., BIOGRAPHY, FINE ARTS, SOCIOLOGY) OR A TERM OR TOPIC (E.G., CIVIL WAR, MITOSIS, TIDES). THE MIDDLE SECTION IS AN ALPHABETICAL TITLE-DESCRIPTIVE SECTION IN WHICH EACH TITLE IS LISTED ALONG WITH THE FOLLOWING DATA–VERSION OR EDITION, NUMBER OF FRAMES, RECORD OR TAPE OR CAPTION OR SCRIPT DESIGNATION, STOCK OR COLOR CODE, SERIES TITLE REFERENCE WHEN APPLICABLE, PRODUCER, DISTRIBUTOR, YEAR OF RELEASE, AND A BRIEF DESCRIPTION. AN ALPHABETICAL PRODUCER-DISTRIBUTOR-PRODUCTION CREDIT SECTION (NOT CROSS-REFERENCED WITH FILMSTRIP TITLE) COMPLETES THE VOLUME. THIS DOCUMENT IS AVAILABLE FROM MCGRAW-HILL BOOK COMPANY, NEW YORK, N.Y. (RS)

ED 020 679 24 EM 006 664
MANERA, ELIZABETH S. GRIFFITH, LEROY H.
THE DEVELOPMENT AND IMPROVEMENT OF A PROGRAMED LEARNING SEQUENCE FOR USE IN CONSTRUCTING A TEACHING UNIT. FINAL REPORT.
ARIZONA STATE UNIV., TEMPE
REPORT NUMBER BR-6-8356
PUB DATE 20 DEC 67
CONTRACT OEC-4-7-008-356-0454
EDRS PRICE MF-$0.75 HC-$6.84 169P.
DESCRIPTORS— *METHODS COURSES, *PROGRAMED INSTRUCTION, *PROGRAMED TEXTS, *TEACHER EDUCATION, *UNIT PLAN, COLLEGE INSTRUCTION, LESSON PLANS, TEACHER EDUCATION CURRICULUM,
AN INTRINSIC PROGRAM ON THE SUBJECT OF CONSTRUCTION OF TEACHING UNITS WAS DESIGNED AND TESTED TO ASCERTAIN WHETHER STUDENTS OF EDUCATION WOULD LEARN AS EFFICIENTLY BY THE PROGRAM METHOD AS BY TRADITIONAL METHODS. THE 116 PAGE PROGRAMED TEXT COMPRISES FOUR SECTIONS–THE DEFINITION AND BACKGROUND OF THE TEACHING UNIT, THE YEARLY PLAN, THE TEACHING UNIT, AND THE DAILY LESSON PLAN. EIGHT CLASSES TOTALING 152 STUDENTS WERE EXPOSED TO TRADITIONAL INSTRUCTION, AND FOUR OF THESE USED THE PROGRAMEDD TEXT. A NONSTANDARDIZED, MULTIPLE-CHOICE, OBJECTIVE TEST, WHICH HAD BEEN DEVELOPED DURING THE TWO PILOT TESTS OF THE PROGRAM, WAS ADMINISTERED TO BOTH GROUPS AS A PRE AND POST-TEST. THE INSTRUCTOR AND TWO JUDGES GRADED THE TEACHING UNITS PRODUCED BY THE STUDENTS. A SHORT QUESTIONNAIRE WAS ALSO GIVEN. RESULTS INDICATED THAT STUDENTS WHO STUDIED THE PROGRAMED TEXT GAINED MORE KNOWLEDGE AND UNDERSTANDING OF THE SUBJECT THAN THOSE WHO WERE TAUGHT CONVENTIONALLY, BUT THAT THE PROGRAMED LEARNERS DID NOT DISPLAY GREATER ABILITY TO PREPARE TEACHING UNITS. THE TWO METHODS WERE EQUALLY EFFICIENT IN TERMS OF LEARNING TIME OUTSIDE OF CLASS, BUT WHEN CLASSROOM TIME WAS INCLUDED, THE PROGRAMED METHOD WAS MORE EFFICIENT. CONCLUSIONS WERE THAT THE PROGRAMED METHOD CAN BE SUBSTITUTED FOR THE CONVENTIONAL METHOD WITHOUT LOSS OF EFFICIENCY. THE ENTIRE PROGRAM, THE TEST AND QUESTIONNAIRES USED, AND RELEVANT TABLES ARE INCLUDED. (BB)

ED 020 680 24 EM 006 672
CLAWSON, BARBARA SHOFFNER, SARAH M.
PROGRAMED INSTRUCTION AND THE DEMONSTRATION METHOD OF TEACHING AT THE JUNIOR HIGH LEVEL. FINAL REPORT.
NORTH CAROLINA UNIV., GREENSBORO
REPORT NUMBER BR-5-1042
PUB DATE JAN 68
CONTRACT OEC-5-10-041
EDRS PRICE MF-$1.00 HC-$8.44 209P.
DESCRIPTORS— *LEARNING PROCESSES, *PROGRAMED INSTRUCTION, *SECONDARY EDUCATION, *SEWING INSTRUCTION, *TRANSFER OF TRAINING, OBSERVATION, PROGRAMED MATERIALS, PROGRAMS, SKILL DEVELOPMENT, TRAINING,
A SELF-INSTRUCTIONAL PROGRAM ON SEWING WAS DEVELOPED AND COMPARED WITH THE TRADITIONAL LABORATORY-DEMONSTRATION METHOD OF TEACHING. THE PROGRAM COMPRISED SECTIONS ON SEWING MACHINES, PATTERNS, AND BLOUSE CONSTRUCTION, AND WAS INTENDED TO ACHIEVE PERFORMANCE OF LABORATORY TASKS, UNDERSTANDING OF THE PROCESSES INVOLVED, AND PREFARATION FOR TRANSFER OF LEARNING TO A NEW TASK. VISUAL AND TACTILE AIDS WERE INCLUDED IN THE PROGRAM, AS WELL AS INSTRUCTIONS AT CERTAIN POINTS FOR THE STUDENT TO ASK THE TEACHER TO CHECK HIS WORK. FIFTY-SEVEN STUDENTS USED THE PROGRAM IN THE FIELD STUDY, AND THEIR PERFORMANCE ON FIVE NORM-REFERENCED TESTS WAS SIGNIFICANTLY BETTER THAN THAT OF CONVENTIONALLY TAUGHT STUDENTS. EVALUATIVE DEVICES USED WERE A ONE HOUR PERFORMANCE TEST, A THREE HOUR PERFORMANCE TEST OF ABILITY TO TRANSFER LEARNING, A RECALL TEST, A TEST FOR APPLICATION OF PRINCIPLES, AND A RATING OF THE BLOUSES CONSTRUCTED. FOLLOWING THE FIELD EXPERIMENT, WHICH INVOLVED SPLIT CLASSES, THE PROGRAM WAS REVISED AND TESTED FOR EFFECTIVENESS IN A NORMAL CLASSROOM OF 35 STUDFNTS. PERFORMANCE WAS SUPERIOR TO THAT OF STUDENTS IN TEACHER-TAUGHT SECTIONS OF THE FIELD EXPERIMENT. RESULTS OF THE STUDY INDICATED THAT LEARNING FROM SELF-INSTRUCTIONAL PROGRAMS IS NOT CONFINED TO RECALL OF SPECIFIC RESPONSES, AND THAT PROGRAMS CAN TEACH MOTOR SKILLS. APPENDICES INCLUDE PROGRAM OBJECTIVES, SAMPLE FRAMES, A DESCRIPTIVE LIST OF PANELS AND EXHIBITS IN THE PROGRAM, AND THE EVALUATIVE DEVICES USED. (BB)

ED 020 681 EM 006 673
GROSS, LYNNE S.
EXPERIMENTAL RESEARCH IN EDUCATIONAL TELEVISION. RESEARCH RESUME NUMBER 37.
CALIFORNIA ADVISORY COUNCIL ON EDUCATIONAL RES.
REPORT NUMBER CTA-CACER-RR-37
PUB DATE JAN 68
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *EDUCATIONAL EXPERIMENTS, *EDUCATIONAL RESEARCH, *EDUCATIONAL TELEVISION, AUDIOVISUAL AIDS, CLASSROOM ARRANGEMENT, CLASSROOM ENVIRONMENT, CONVENTIONAL INSTRUCTION, DISCUSSION (TEACHING TECHNIQUE), EFFECTIVE TEACHING, FEEDBACK, INSTRUCTIONAL FILMS, LITERATURE REVIEWS, PRODUCTION TECHNIQUES, PROGRAM DESIGN, PROGRAM EFFECTIVENESS, PROGRAMED INSTRUCTION, RESEARCH METHODOLOGY, STUDENT ATTITUDES, TEACHER ATTITUDES, TEACHER EDUCATION, WILBUR SCHRAMM,
THIS REVIEW OF THE LITERATURE ENDEAVORS TO COVER ALL THE EXPERIMENTAL AND "SEMI-EXPERIMENTAL" RESEARCH ON THE EFFECTIVENESS OF EDUCATIONAL TELEVISION. TOPICS REPRESENTED ARE–(1) THE TEACHING ABILITY OF TELEVISION, (2) TELEVISION VERSUS CONVENTIONAL TEACHING, (3) TELEVISION VERSUS OTHER MEDIA, (4) PROGRAM PRODUCTION AND FORMAT, (5) CLASSROOM VARIABLES SUCH AS HOMOGENEITY OF STUDENTS AND CLASSROOM TEACHER EXPERTISE, (6) TEACHER TRAINING, (7) TEACHER AND STUDENT ATTITUDES TOWARD TELEVISION, AND (8) SUPPLEMENTARY ACTIVITIES SUCH AS DISCUSSIONS AND TALKBACK. IN ADDITION TO REPORTS ON MANY INDIVIDUAL EXPERIMENTS AND THEIR RESULTS, THERE ARE SUMMARIES OF THE RESULTS OF EXPERIMENTS THAT ARE SIMILAR OR REPLICATORY IN NATURE, AND CITATIONS OF OTHER REVIEWS OF THE LITERATURE. THE WARNING IS GIVEN THAT MANY STUDIES HAVE NOT BEEN CAREFULLY CONTROLLED AND MANIPULATED, SO THAT CONCLUSIONS ARE TENTATIVE AND IN MANY CASES CONTRADICT EACH OTHER. THUS IT IS DIFFICULT TO DRAW ANY OVERALL CONCLUSIONS FROM THE RESEARCH. REFERENCES ARE INCLUDED. THIS DOCUMENT IS AVAILABLE FROM THE CALIFORNIA TEACHERS ASSOCIATION, 1705 MURCHISON DRIVE, BURLINGAME, CALIFORNIA. (JO)

ED 020 682 EM 006 680
KARWIN, THOMAS J.
INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS. SUPPLEMENT, INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS WITHIN THE UNIVERSITY OF CALIFORNIA. OCCASIONAL PAPER NO. 2.
SANTA CRUZ UNIV., CALIF.,OFF.OF INSTRUCTIONAL SVCS
PUB DATE APR 68
EDRS PRICE MF-$0.50 HC-$3.92 96P.

DESCRIPTORS— *INSTRUCTIONAL DESIGN, *INSTRUCTIONAL MATERIALS, *PROGRAM PLANNING, *SYSTEMS ANALYSIS, *SYSTEMS APPROACH, COLLEGE FACULTY, COPYRIGHTS, EDUCATIONAL FACILITIES, EDUCATIONAL OBJECTIVES, INSTRUCTIONAL FILMS, INSTRUCTIONAL IMPROVEMENT, INSTRUCTIONAL MEDIA, POLICY FORMATION, PROGRAM ADMINISTRATION, SYSTEMS DEVELOPMENT, TELEVISED INSTRUCTION, UNIVERSITY OF CALIFORNIA, VIDEO TAPE RECORDINGS,

THE SYSTEMS APPROACH TO PLANNING IS USEFUL IN DESIGNING MORE EFFECTIVE AND EFFICIENT INSTRUCTIONAL PROGRAMS. IT SPECIFIES INSTRUCTIONAL OBJECTIVES, COORDINATES APPROPRIATE METHODS, AND EVALUATES THE RESULTING INSTRUCTIONAL SYSTEM. CONFLICTS CAN ARISE FROM INDIVIDUAL INTERPERTATIONS OF INTEREST IN SPECIFIC PROGRAMS. A COMPREHENSIVE, EQUITABLE POLICY OUTLINING THE INTERESTS, RIGHTS, AND RESPONSIBILITIES OF FACULTY, INSTITUTION, AND STAFF IN RELATION TO THE DESIGN AND DEVELOPMENT OF INSTRUCTIONAL PROGRAMS USING NEW MEDIA WILL OBVIATE THESE CONFLICTS. THESE CONSIDERATIONS ARE EXAMINED IN THE ORDER THEY WOULD BE ENCOUNTERED IN A DESIGN PROJECT. POLICY DECISIONS ON CONTRACTS, OBLIGATIONS, AUTHORSHIP, SUBSEQUENT USE OF THE MATERIAL, TERMS OF PUBLICATION, COPYRIGHTS AND AUTHORITY MUST BE SET OUT IN PLANNING THE PROJECT AND IN CONDUCTING IT. THESE DECISIONS PROVIDE A BASE FOR POLICY DESIGNED TO ENCOURAGE AND FACILITATE THE REALIZATION OF THE POTENTIAL OF INSTRUCTIONAL SYSTEM DESIGN. APPENDED ARE TWO CASE STUDIES OF INSTRUCTIONAL DESIGN. A SUPPLEMENT, WITH ITS APPENDICES, REVIEWS POLICIES AND REGULATIONS OF THE UNIVERSITY OF CALIFORNIA WITH RESPECT TO THE BASIC CRITERIA PRESENTED IN THE PAPER. (MT)

ED 020 683 **EM 006 688**

SUPPES, PATRICK AND OTHERS

LINEAR STRUCTURAL MODELS FOR RESPONSE AND LATENCY PERFORMANCE IN ARITHMETIC. PSYCHOLOGY SERIES, TECHNICAL REPORT NO. 100.

STANFORD UNIV., CALIF. INST. FOR MATH. STUDIES

PUB DATE 29 JUL 66

EDRS PRICE MF-$0.50 HC-$1.12 101P.

DESCRIPTORS— *ARITHMETIC, *LEARNING THEORIES, *PERFORMANCE FACTORS, *PROBLEM SOLVING, *RESPONSE MODE, COGNITIVE PROCESSES, COMPUTER ASSISTED INSTRUCTION, CONCEPT FORMATION, ELEMENTARY SCHOOL MATHEMATICS, FACTORY ANALYSIS, GRADE 3, GRADE 4, GRADE 5, GRADE 6, LEARNING PROCESSES, MEMORY, MODELS, PREDICTIVE ABILITY (TESTING), PROGRAMED INSTRUCTION, TEACHING MACHINES, TIME SHARING,

A LEARNING MODEL TO IDENTIFY FACTORS CONTRIBUTING TO THE DIFFICULTY OF A PROBLEM ITEM WAS SUPPORTED EMPIRICALLY, AND INDICATED THAT THE NUMBER OF STEPS REQUIRED TO SOLVE A PROBLEM WAS THE MOST IMPORTANT VARIABLE IN PREDICTING BOTH ERROR PROBABILITY AND RESPONSE LATENCY. THE MODEL, IN ORDER TO ESTABLISH DIFFERENTIAL PREDICTIONS OF DIFFICULTY IN SOLVING ARITHMETIC PROBLEMS, IDENTIFIED SUCH VARIABLES AS THE MAGNITUDE OF THE LARGEST AND THE SMALLEST NUMBERS APPEARING, THE FORM OF THE EQUATION IN WHICH THE PROBLEMS ARE PRESENTED, AND THE DIFFERENCES BETWEEN NUMBERS IN SUBSTRACTIONS. ANOTHER VARIABLE, NUMBER OF STEPS (NSTEPS) REQUIRED TO SOLVE THE PROBLEMS, WAS FURTHER DIVIDED INTO TRANSFORMATION (STEPS REQUIRED TO PUT THE EQUATION INTO CANONICAL FORM), OPERATION (NUMBER OF OPERATIONS PERFORMED), AND MEMORY (NUMBER OF DIGITS THAT MUST BE HELD IN MEMORY). TERMINALS WERE INSTALLED IN EIGHT CLASSROOMS, AND 270 THIRD, FOURTH, FIFTH, AND SIXTH GRADERS PARTICIPATED FOR ONE ACADEMIC YEAR IN COMPUTER-ASSISTED MATHEMATICS INSTRUCTION. A REGRESSION ANALYSIS SHOWED NSTEPS TO BE THE MOST IMPORTANT VARIABLE IN PREDICTING BOTH ERROR PROBABILITY AND RESPONSE LATENCY, AND ANALYSIS OF THE FACTORS IN NSTEPS SHOWED THAT MEMORY WAS THE MOST IMPORTANT FACTOR. OPERATION PLAYED NO ROLE IN PREDICTING THE DEPENDENT VARIABLES. (OH)

ED 020 684 **EM 006 701**

RYANS, DAVID G. AND OTHERS

A COMPUTER-BASED LABORATORY FOR AUTOMATION IN SCHOOL SYSTEMS.

SYSTEM DEVELOPMENT CORP., SANTA MONICA, CALIF.

REPORT NUMBER SP-256-000-01

PUB DATE 12 MAR 62

EDRS PRICE MF-$0.25 HC-$0.88 20P.

DESCRIPTORS— *AUTOMATION, *COMPUTER ASSISTED INSTRUCTION, *COMPUTER BASED LABORATORIES, *SIMULATION, *SYSTEMS APPROACH, ADMINISTRATIVE ORGANIZATION, AUTOINSTRUCTIONAL AIDS, CONVENTIONAL INSTRUCTION, EDUCATIONAL RESEARCH, GROUP INSTRUCTION, INDIVIDUAL INSTRUCTION, MEDIA RESEARCH, SCHOOL SYSTEMS, SYSTEMS ANALYSIS,

AS THE EDUCATOR FACES DECISIONS ABOUT NEW TECHNOLOGY, HE NEEDS PRACTICAL RESEARCH ON WHICH TO BASE HIS DECISIONS. A SYSTEMS APPROACH TO RESEARCH, RATHER THAN A PIECEMEAL ONE, IS HIGHLY DESIRABLE. SUCH AN APPROACH COULD EMPLOY SIMULATION TECHNIQUES, WHICH DIFFER FROM CONTEXTUAL ONES PRIMARILY IN SCOPE AND CONTROL, AND WHICH CAN DEAL WITH A WIDE RANGE OF ALTERNATIVES, DECISIONS, AND INTERPRETATIONS. ACCORDINGLY, THE SYSTEM DEVELOPMENT COPRORATION HAS CONSTRUCTED CLASS, A COMPUTER-BASED LABORATORY FOR THE STUDY OF AUTOMATED SCHOOL SYSTEMS. IT CAN PROVIDE AUTOMATED INSTRUCTION FOR INDIVIDUALS AND GROUPS, CONVENTIONAL INSTRUCTION FOR GROUPS, CUMULATIVE AND IMMEDIATE ANALYSIS OF STUDENT PERFORMANCE WITH RESULTS DISPLAYED FOR THE TEACHER IN REAL TIME, AND CENTRALIZED DATA PROCESSING FOR ADMINISTRATIVE GUIDANCE AND PLANNING. (BB)

ED 020 685 **EM 006 705**

VAIZEY, J.

STUDY OF FEASIBILITY OF NEW EDUCATIONAL MEDIA FOR DEVELOPING COUNTRIES.

INTERNATIONAL INST. FOR EDUCATIONAL PLANNING

PUB DATE 19 AUG 65

EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS— *CAPITAL OUTLAY (FOR FIXED ASSESTS), *EDUCATIONAL EQUIPMENT, *PROGRAM BUDGETING, *PROGRAM COSTS, *PURCHASING, ACCOUNTING, COST EFFECTIVENESS, COSTS, DATA PROCESSING, DEVELOPING NATIONS, EDUCATIONAL FINANCE, EQUIPMENT MAINTENANCE, ESTIMATED COSTS, INSTRUCTIONAL INNOVATION, INSTRUCTIONAL MEDIA,

COST DATA ON THE USE OF THE NEW INSTRUCTIONAL MEDIA ARE NECESSARY IN ORDER TO COMPARE DIFFERENT FORMS OF EDUCATION, TO DETERMINE THE ECONOMICALLY OPTIMUM RATE OF TECHNICAL USAGE, AND TO ASSIST ADMINISTRATORS. THE HISTORICAL INACCURACY OR STATISTICAL BIAS OF SOURCES AND THE INCOMPARABILITY OF DATA POSE DIFFICULTIES IN INTERPRETATION. THE COST OF EDUCATION, CALCULATED IN THE USUALLY IMPERFECT MARKETS OF DEVELOPING COUNTRIES, CAN BE BASED ON—CASH, BUDGET (FISCAL RESOURCES), MANPOWER, SKILLED MANPOWER, ALL CAPITAL RESOURCES, OR AVAILABILITY OF FOREIGN EXCHANGE FOR IMPORTED GOODS AND SERVICES. THESE COSTS SHOULD BE SO CATEGORIZED THAT THE SCARCEST RESOURCES ARE IDENTIFIED AND SAVED. WHEN COSTS ARE TABULATED, RATES OF EXCHANGE FROM EACH SET OF THESE COSTS INTO CASH SHOULD BE ESTABLISHED. THE NEW MEDIA HAVE COMMON COST CHARACTERISTICS THAT DIFFERENTIATE THEM FROM CONVENTIONAL EDUCATION COSTS. THESE ARE—INNOVATION, TRAINING, COURSE MATERIALS, EQUIPMENT FOR TRANSMISSION AND RECEPTION, AND RECURRENT COSTS. COSTING SHOULD BE CONSIDERED OVER A TOTAL TIME PERIOD, AND THUS ALSO DIVIDED INTO INITIAL, CAPITAL, AND RECURRENT COSTS. THE FINAL ANALYSIS SHOULD EXAMINE THE TREND OF COSTS, JOINT COSTS, AND BENEFITS OF THE NEW MEDIA. AN APPENDIX PRESENTS A COST CHART AND A LIST OF GUIDELINES. (JO)

ED 020 686 **FL 000 181**

OLLMANN, MARY J., ED.

MLA SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 62

CONTRACT OEC-SAE-8342

EDRS PRICE MF-$0.75 HC-$6.80 168P.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *INSTRUCTIONAL MATERIALS, *LANGUAGE TEACHERS, *MODERN LANGUAGES, *SECONDARY SCHOOLS, EVALUATION CRITERIA, FLES, INFORMATION SOURCES, LANGUAGE LEARNING LEVELS, ROMANCE LANGUAGES, TEXTBOOK EVALUATION,

MATERIALS GROUPED ACCORDING TO LANGUAGE (FRENCH, GERMAN, ITALIAN, MODERN HEBREW, NORWEGIAN, POLISH, PORTUGUESE, RUSSIAN, SPANISH, SWEDISH) AND SUBJECT MATTER ARE FOUND IN THIS ANNOTATED SELECTIVE LIST. FOR ITEMS IN EACH SECTION, INFORMATION INCLUDES LIST PRICES, GRADE LEVELS, LANGUAGE PROFICIENCY LEVELS, AND CRITICAL EVALUATIONS. APPENDIXES INCLUDE SELECTIVE AND ANNOTATED BIBLIOGRAPHIES FOR SIX CULTURES (FRENCH, GERMAN, HISPANIC, ITALIAN, LUSO-BRAZILIAN, AND RUSSIAN), CRITERIA FOR THE EVALUATION OF MATERIALS, AND SOURCES OF MATERIALS. (AF)

ED 020 687 **FL 000 317**

PLASTRE, GUY

DOSSIER SUR "LA FORMATION PROFESSIONNELLE DES DIRECTEURS DE LABORATOIRE DE LANGUES" (PROPOSED COURSE OF STUDY FOR THE PROFESSIONAL PREPARATION OF LANGUAGE LABORATORY DIRECTORS).

LAVAL UNIV. (QUEBEC)

PUB DATE NOV 66

EDRS PRICE MF-$0.25 HC-$1.24 29P.

DESCRIPTORS— *LANGUAGE LABORATORIES, *PROGRAM CONTENT, *QUALIFICATIONS, *SPECIALISTS, *TEACHER EDUCATION, AUDIOLINGUAL METHODS, BIBLIOGRAPHIES, LANGUAGE INSTRUCTION, LANGUAGE LABORATORY EQUIPMENT, LANGUAGE LABORATORY USE, LANGUAGE SKILLS, LANGUAGE TEACHERS, MODERN LANGUAGES, TEACHING SKILLS, TEACHING TECHNIQUES,

THE NEED FOR LANGUAGE LABORATORY SPECIALISTS TO MEET THE CHANGES IN MODERN LANGUAGE PEDAGOGY IS EMPHASIZED BY THE AUTHOR IN THIS REPORT. SUGGESTIONS ARE GIVEN FOR SPECIALIZED COURSES OF STUDY TOWARD A MASTER'S DEGREE FOR LANGUAGE LABORATORY DIRECTORS. SELECTIONS SHOULD BE MADE FROM BLOCKS OF COURSES IN (1) LINGUISTICS, MODERN LANGUAGES, PSYCHOLOGY, AND PEDAGOGY, AND IN (2) BIOLOGY, APPLIED PHYSICS, AND TECHNOLOGY. A PROBATIONARY PERIOD IN THE LANGUAGE LABORATORY IS ALSO RECOMMENDED BY THE AUTHOR WHOSE FIVE YEARS EXPERIENCE LEAD HIM TO BELIEVE THAT THESE EXACTING REQUIREMENTS ARE REALISTIC. LISTED IN THE APPENDIXES ARE PROGRAM PLANS FOR STUDIES OF

DIDACTICS OF A SECOND LANGUAGE, INSTRUMENTAL DIDACTICS DIRECTLY ORIENTED TOWARD THE TEACHING OF LIVING LANGUAGES, AND THE TECHNOLOGY AND PEDAGOGY OF AUDIO-ORAL LABORATORY INSTRUCTION. ALSO INCLUDED IS A BIBLIOGRAPHY RELATED TO THE LANGUAGE LABORATORY, AND A SAMPLE PROGRAM FOR THE TRAINING OF PROGRAM DIRECTORS AT THE ECOLE NORMALE NOTRE-DAME-DE-FOY. (AUTHOR/SS)

ED 020 688 FL 000 410

EDDY, FREDERICK D.

1959 REVISITED.

DEPARTMENT OF AUDIOVISUAL INSTRUCTION, WASH., D.C.

PUB DATE NOV 62

EDRS PRICE MF-$0.25 HC-$0.96 22P.

DESCRIPTORS— *INSTRUCTIONAL MATERIALS, *LANGUAGE INSTRUCTION, *LANGUAGE LABORATORIES, *LANGUAGE LABORATORY EQUIPMENT, *SECOND LANGUAGE LEARNING, AUDIO ACTIVE COMPARE LABORATORIES, AUDIO ACTIVE LABORATORIES, AUDIOLINGUAL METHODS, AUDIOVISUAL AIDS, ELECTRONIC CLASSROOMS, ELECTRONIC EQUIPMENT, EQUIPMENT EVALUATION, LANGUAGE LABORATORY USE, PROGRAM ADMINISTRATION, PROGRAM EVALUATION, PROGRAMED INSTRUCTION, TAPE RECORDERS, TAPE RECORDINGS, TEACHER EDUCATION, TEACHING TECHNIQUES,

IN RESPONSE TO PUBLIC DEMAND, THE SEPTEMBER 1959 ISSUE OF "AUDIOVISUAL INSTRUCTION" IS REPRINTED HERE WITH UPDATED COMMENTARY. AN INTRODUCTION BRIEFLY DISCUSSES PROGRESS IN ACCEPTANCE AND IMPLEMENTATION OF AUDIOLINGUAL METHODS IN LANGUAGE INSTRUCTION AND STRESSES THE IMPORTANCE OF PRESERVICE AND INSERVICE TEACHER TRAINING. USING THE QUESTION-AND-ANSWER TECHNIQUE, THE BODY OF THE ARTICLE CONSIDERS THE ROLE OF LANGUAGE LABORATORIES AND ELECTRONIC EQUIPMENT IN THE AUDIOLINGUAL APPROACH, COMMENTING IN DETAIL ON EQUIPMENT, COSTS, ROOM LOCATION, MATERIALS, AND TECHNIQUES, AS WELL AS ON TEACHER TRAINING, ADMINISTRATIVE PROBLEMS, AND EVALUATION CRITERIA. AN ADDENDUM OF UPDATED COMMENTS FOLLOWS EACH QUESTION AND ANSWER, AND A NOTE ON PROGRAMED INSTRUCTION CONCLUDES THE DISCUSSION. THIS ARTICLE APPEARED IN "AUDIOVISUAL INSTRUCTION," VOLUME 7, NUMBER 9, NOVEMBER 1962, PAGES 602-623. (AB)

ED 020 689 FL 000 411

BIRKMAIER, EMMA M.

WHAT'S NEW IN TEACHER EDUCATION.

DEPARTMENT OF AUDIOVISUAL INSTRUCTION, WASH., D.C.

PUB DATE NOV 62

EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *LANGUAGE TEACHERS, *PROGRAM IMPROVEMENT, *TEACHER EDUCATION, *TEACHER PROGRAMS, *TEACHER QUALIFICATIONS, CURRICULUM DESIGN, DEGREE REQUIREMENTS, FLES TEACHERS, INSERVICE TEACHER EDUCATION, INSTITUTES (TRAINING PROGRAMS), LANGUAGE PROFICIENCY, TEACHER EDUCATION CURRICULUM, TEACHER EDUCATORS, TEACHING GUIDES,

IMPROVEMENT IN TEACHER TRAINING PROGRAMS IS BEING IMPLEMENTED TO INSURE A CORPS OF QUALIFIED LANGUAGE TEACHERS WHO CAN MEET THE DEMANDS OF MODERN CURRICULA. NATIONAL DEFENSE EDUCATION ACT INSTITUTES, FILMS, CONSULTANTS, AND TEACHERS MANUALS ACCOMPANYING NEW MATERIALS ARE AVAILABLE FOR INSERVICE TEACHERS. FUTURE TEACHERS ARE BEING AIDED BY MORE CAREFULLY DESIGNED TRAINING PROGRAMS WHICH INCLUDE COURSES IN APPLIED LINGUISTICS AND STUDY ABROAD. ALTHOUGH LITTLE HAS BEEN DONE TO UPGRADE THE TEACHING COMPETENCY OF COLLEGE INSTRUCTORS WHO TRAIN LANGUAGE TEACHERS, A FEW UNIVERSITIES HAVE INITIATED NEW REQUIREMENTS FOR MASTER AND DOCTORAL CANDIDATES. OTHER INSTITUTIONS ARE DEVELOPING SPECIAL PROGRAMS, INCLUDING SPECIFIC ONES FOR LANGUAGE TEACHERS IN THE ELEMENTARY SCHOOLS. THIS ARTICLE APPEARS IN "AUDIOVISUAL INSTRUCTION," VOLUME 7, NUMBER 9, NOVEMBER 1962, PAGES 634-636. (AF)

ED 020 690 FL 000 412

VALDMAN, ALBERT

HOW DO WE BREAK THE LOCKSTEP. VARIATIONS IN CLASS SIZE AS APPLIED TO LANGUAGE TEACHING.

DEPARTMENT OF AUDIOVISUAL INSTRUCTION, WASH., D.C.

PUB DATE NOV 62

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *AUDIOLINGUAL METHODS, *AUTOINSTRUCTIONAL PROGRAMS, *COLLEGE LANGUAGE PROGRAMS, *FLEXIBLE SCHEDULING, *FRENCH, ADMINISTRATIVE PROBLEMS, CLASS SIZE, COLLEGE CREDITS, COURSE DESCRIPTIONS, CURRICULUM DEVELOPMENT, INDIANA UNIVERSITY, INTENSIVE LANGUAGE COURSES, LANGUAGE INSTRUCTION, LANGUAGE LABORATORY USE, MULTIPLE CREDIT FRENCH COURSE, PROGRAM IMPROVEMENT, PROGRAMED INSTRUCTION, SECOND LANGUAGE LEARNING, SELF PACING MACHINES, TEACHER ROLE, TEACHING ASSISTANTS, TEACHING MACHINES,

A MULTI-FACETED SCHEME FOR LANGUAGE INSTRUCTION PROPOSES (1) LINGUISTIC AND CULTURAL CONTRASTIVE ANALYSIS, (2) AUTOTUTORIAL ACQUISITION OF MOTOR SKILLS, AND (3) TEACHER-GUIDED USE OF LANGUAGE IN A SIMULATED NATURAL CONTEXT. THE ADMINISTRATIVE PROBLEMS INVOLVED IN ADJUSTING TO THIS NEW FUNCTION OF FOREIGN LANGUAGE TEACHING WERE STUDIED FOR THREE YEARS IN A MULTIPLE CREDIT FRENCH COURSE. A DISCUSSION OF THE ADJUSTMENTS COVERS REDUCTION IN CLASS SIZE, USE OF THE LANGUAGE LABORATORY AS A TEACHING MACHINE, AVAILABILITY OF ADEQUATE SELF-INSTRUCTIONAL MATERIAL, AND GRANTING OF CREDIT FOR ACHIEVEMENT AND NOT FOR SEMESTER HOURS. DESPITE FAVORABLE STUDENT PERFORMANCE, ADOPTION OF THE MULTIPLE CREDIT FRENCH COURSE DEPENDS ON EVIDENCE THAT THERE IS (1) MAINTENANCE OF THE NORMAL STUDENT RETENTION PATTERN, (2) AVAILABILITY OF GRADUATE TEACHING ASSOCIATES, AND (3) COMPATIBILITY OF THE MULTIPLE CREDIT FRENCH COURSE WITH HIGHER-LEVEL COURSES. THIS ARTICLE APPEARED IN "AUDIOVISUAL INSTRUCTION," VOLUME 7, NUMBER 9, NOVEMBER 1962, PAGES 630-634. (AF)

ED 020 691 FL 000 413

PIMSLEUR, PAUL

NEW TESTS FOR A NEW ERA.

DEPARTMENT OF AUDIOVISUAL INSTRUCTION, WASH., D.C.

PUB DATE NOV 62

EDRS PRICE MF-$0.25 HC-$0.20 3P.

DESCRIPTORS— *ACADEMIC ACHIEVEMENT, *LANGUAGE PROFICIENCY, *LANGUAGE TESTS, *STANDARDIZED TESTS, *TEACHER QUALIFICATIONS, ACHIEVEMENT TESTS, LANGUAGE SKILLS, LANGUAGE TEACHERS, MLA COOPERATIVE FOREIGN LANGUAGE TESTS, MLA FOREIGN LANGUAGE PROFICIENCY TESTS, MODERN LANGUAGES, SECOND LANGUAGE LEARNING, STUDENTS,

COLLABORATION OF THE MODERN LANGUAGE ASSOCIATION (MLA) AND THE EDUCATIONAL TESTING SERVICE PRODUCED STANDARDIZED TESTS FOR LANGUAGE STUDENTS AND TEACHERS IN THE FIVE MOST COMMONLY TAUGHT LANGUAGES–FRENCH, RUSSIAN, ITALIAN, GERMAN, AND SPANISH. STUDENT ACHIEVEMENT IN THE LISTENING, SPEAKING, READING, AND WRITING SKILLS IS MEASURED BY THE MLA COOPERATIVE FOREIGN LANGUAGE TESTS. IN ADDITION TO TESTING THESE SKILLS, THE MLA FOREIGN LANGUAGE PROFICIENCY TESTS FOR TEACHERS AND ADVANCED STUDENTS ALSO MEASURE PROFESSIONAL PREPARATION, CIVILIZATION AND CULTURE, AND APPLIED LINGUISTICS. SAMPLE QUESTIONS FOR BOTH TESTS ARE SUPPLIED. THIS ARTICLE APPEARS IN "AUDIOVISUAL INSTRUCTION," VOLUME 7, NUMBER 9, NOVEMBER 1962, PAGES 634-636. (AF)

ED 020 692 FL 000 416

ORR, J. COLLINS

LANGUAGE TEACHING AND AV–A SELECTIVE BIBLIOGRAPHY.

DEPARTMENT OF AUDIOVISUAL INSTRUCTION, WASH., D.C.

PUB DATE NOV 62

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *INSTRUCTIONAL MATERIALS, *LANGUAGE INSTRUCTION, *LANGUAGE LABORATORIES, *TEACHING METHODS, APPLIED LINGUISTICS, AUDIOVISUAL AIDS, AUDIOVISUAL INSTRUCTION, FLES, LANGUAGE TEACHERS, MODERN LANGUAGES, SECONDARY SCHOOLS, TEXTBOOKS,

ORIGINALLY PREPARED FOR THE NATIONAL EDUCATION ASSOCIATION DIVISION OF AUDIOVISUAL SERVICE, THIS ANNOTATED BIBLIOGRAPHY HAS BEEN EXPANDED AND INCLUDES SOME LATER RELEASES OF THE U.S. OFFICE OF EDUCATION. A TOTAL OF 112 LISTINGS RELATED TO LANGUAGE TEACHING APPEAR UNDER THE SUB-HEADINGS OF BIBLIOGRAPHIES, LINGUISTICS, LANGUAGE LABORATORIES, METHODOLOGY, AND MATERIALS. THIS ARTICLE APPEARED IN "AUDIOVISUAL INSTRUCTION," VOLUME 7, NUMBER 9, NOVEMBER 1962, PAGES 644-648. (AF)

ED 020 693 FL 000 477

BOEDDINGHAUS, WALTER

SYSTEMATISCHER AUSSPRACHEUNTERRICHT IM SPRACHLABORATORIUM (SYSTEMATIC PRONUNCIATION INSTRUCTION IN THE LANGUAGE LABORATORY).

PUB DATE 66

EDRS PRICE MF-$0.25 HC-$1.36 32P.

DESCRIPTORS— *AUDIOLINGUAL SKILLS, *CONTRASTIVE LINGUISTICS, *LANGUAGE INSTRUCTION, *LANGUAGE LABORATORY USE, *PRONUNCIATION INSTRUCTION, GERMAN, LANGUAGE LABORATORIES, PHONEMICS, PHONETICS, SECOND LANGUAGE LEARNING,

THE APPARENT DISAPPOINTMENT AND SLACKENING OF ENTHUSIASTIC INTEREST IN LANGUAGE LABORATORY INSTRUCTION IS MOST PROBABLY NOT DUE TO A FUNDAMENTAL LACK OF EFFECTIVENESS, BUT TO METHODOLOGICAL AND ORGANIZATIONAL PROBLEMS YET TO BE SOLVED. MOST IMPORTANT, THE RESTRICTIVE DEPENDENCE OF LABORATORY MATERIAL ON CLASSROOM LESSONS MUST BE ABANDONED. ONLY WHEN LABORATORY INSTRUCTION IS AS INDEPENDENT AS POSSIBLE OF CLASSWORK, AND OF THE INSTRUCTOR HIMSELF, CAN IT SERVE ITS PURPOSE AS A TRULY SUPPLEMENTARY TECHNIQUE PROVIDING SYSTEMATIC INTENSIVE PRACTICE OF UNFAMILIAR MATERIAL. IN THE LANGUAGE LAB, THE PUPIL LEARNS GRAMMATICAL PRINCIPLES INDUCTIVELY, REPLACING THE "VERTICAL" LEARNING FROM PARADIGMS WITH "HORIZONTAL" LEARNING BASED ON TRANSFORMATIONAL EXERCISES, AND THE IMMEDIATE CORRECTION OR CONFIRMATION OF HIS RESPONSES OFFERS A GREAT CUMULATIVE ADVANTAGE. TO INSURE CORRECT PRONUNCIATION, AN INSTRUCTIONAL PLAN SHOULD INCLUDE (1) A SYSTEMATIC, THEORETICAL COMPARISON OF THE SOUND SYSTEMS OF THE TARGET AND NATIVE LANGUAGES, (2) SCRUTINY OF INDIVIDUAL PRONUNCIATION PROBLEMS AND THEIR TRANSFERENCE INTO SERIES OF MINIMAL PAIRS, (3) CONSTRUCTION OF HEARING AND SPEAKING EXERCISES BASED ON THESE MINIMAL PAIRS, AND (4) PREPARATION OF AN ADEQUATE NUMBER OF FLUENCY EXERCISES. THIS ARTICLE IS A REPRINT FROM "ACTA GERMANICA," VOLUME 1, 1966, PAGES 117-147. (RW)

ED 020 694 FL 000 497

SALTZMAN, IRVING J.
DIFFICULTIES ASSOCIATED WITH RESEARCH ON FOREIGN LANGUAGE LEARNING.
VIRGINIA MODERN FOREIGN LANGUAGE ASSN.
PUB DATE MAY 67
EDRS PRICE MF-$0.25 HC-$0.96 22P.
DESCRIPTORS— *AUDIOLINGUAL METHODS, *GRAMMAR TRANSLATION METHOD, *LANGUAGE INSTRUCTION, *LANGUAGE RESEARCH, *TEACHING METHODS, AUTOINSTRUCTIONAL PROGRAMS, EXPERIMENTAL PROGRAMS, EXPERIMENTAL TEACHING, LANGUAGE SKILLS, LANGUAGE TEACHERS, LEARNING PROCESSES, METHODS RESEARCH, PSYCHOLOGISTS, RESEARCH METHODOLOGY, RESEARCH NEEDS,
RESEARCH HAS NOT YET YIELDED CONCLUSIVE EVIDENCE TO PROVE THE SUPERIORITY OF THE AUDIOLINGUAL APPROACH TO LANGUAGE TEACHING OVER THE TRADITIONAL, GRAMMAR-TRANSLATION METHOD. COLLABORATION ON EXPERIMENTATION BY TRAINED PSYCHOLOGISTS AND LANGUAGE TEACHERS COULD YIELD THE RELIABLE AND USEFUL DATA NEEDED TO MAKE RATIONAL DECISIONS ABOUT IMPROVING LANGUAGE INSTRUCTION. IN NEED OF FURTHER EXPLORATION ARE SUCH COURSES AS A PROGRAMED RUSSIAN COURSE, DEVELOPED AT INDIANA UNIVERSITY, WHICH IS SIMILAR IN CONTENT TO MANY FIRST SEMESTER COLLEGE COURSES, AND COMBINES AUDIOLINGUAL AND TRADITIONAL TEACHING TECHNIQUES. THIS ARTICLE APPEARED IN THE "BULLETIN OF THE MODERN FOREIGN LANGUAGE ASSOCIATION OF VIRGINIA," VOLUME 23, NUMBER 2, MAY 1967, PAGES 44-63. (AB)

ED 020 695 FL 000 576
RANDALL, EARLE S.
WHAT HAVE WE LEARNED ABOUT FLES.
DEPARTMENT OF AUDIOVISUAL INSTRUCTION, WASH., D.C.
PUB DATE NOV 62
EDRS PRICE MF-$0.25 HC-$0.20 3P.
DESCRIPTORS— *ELEMENTARY SCHOOL TEACHERS, *FLES PROGRAMS, *INSTRUCTIONAL AIDS, *TEACHER ROLE, *TELEVISED INSTRUCTION, DENVER STANFORD RESEARCH PROJECT, FILMSTRIPS, FLES MATERIALS, FLES TEACHERS, INSTRUCTIONAL FILMS, INSTRUCTIONAL TELEVISION, LANGUAGE INSTRUCTION, PARLONS FRANCAIS, RESEARCH PROJECTS, SECOND LANGUAGE LEARNING, UNIVERSITY OF ILLINOIS,
THE ROLE OF THE CLASSROOM ELEMENTARY TEACHER IN FLES PROGRAMS IS DISCUSSED WITH SPECIAL REFERENCE TO FLES TELEVISION COURSES. HER IMPORTANCE IN PROVIDING FOLLOW-UP TO THE PROGRAMS AND HER NEED FOR ADEQUATE MANUALS, RECORDINGS, AND OTHER INSTRUCTIONAL AIDS IS STRESSED IN THE FINDINGS OF THREE RESEARCH PROJECTS. SOME OF THE AVAILABLE FLES TELEVISION AND FILM SERIES ARE IDENTIFIED. THIS ARTICLE APPEARED IN "AUDIOVISUAL INSTRUCTION," VOLUME 7, NUMBER 9, NOVEMBER 1962, PAGES 627-629. (AF)

ED 020 696 FL 000 620
UPSHUR, J.A.
CROSS-CULTURAL TESTING--WHAT TO TEST.
MICHIGAN UNIV., ANN ARBOR,RES.CLUB IN LANG.LEARN.
PUB DATE 66
EDRS PRICE MF-$0.25 HC-$0.68 15P.
DESCRIPTORS— *CROSS CULTURAL TRAINING, *INDIVIDUAL CHARACTERISTICS, *MODERN LANGUAGES, *TEST CONSTRUCTION, *TESTING PROBLEMS, CULTURAL AWARENESS, CULTURAL BACKGROUND, CULTURAL DIFFERENCES, CULTURE CONFLICT, CULTURE CONTACT, MEASUREMENT GOALS, ORIENTATION, TEST RELIABILITY, TEST SELECTION,
REACTING TO A PAPER WRITTEN BY H. NED SEELYE (SEE "LANGUAGE LEARNING," VOLUME 16, NUMBER 1-2, 1966, PAGES 77-85), THE ARTICLE EXAMINES SOME OF THE QUESTIONS RAISED BY THE ATTEMPT TO ESTABLISH TESTS THAT WOULD ACCURATELY MEASURE THE ABILITY OF CULTURAL STRANGERS TO ADAPT TO A FOREIGN CULTURAL ENVIRONMENT. IN ORDER TO CLARIFY THE PURPOSES OF SUCH TESTING, THE FOUR GENERALLY RECOGNIZED AIMS OF TESTING ARE APPLIED TO CROSS-CULTURAL TESTING. THREE OF THESE AIMS RELATE TO THE INDIVIDUAL'S ABILITY TO FUNCTION EFFECTIVELY IN A LARGE UNIVERSE OF CULTURAL SITUATIONS, AND THE FOURTH IS CONCERNED WITH THE TRAIT WHICH UNDERLIES, OR IS NECESSARY TO, THAT ABILITY. THE ARTICLE SUGGESTS FOR FUTURE STUDY OTHER PROBLEMS IN CROSS-CULTURAL TESTING, SUCH AS THE NEED FOR DEVELOPING MEASURES OF NON-LINGUISTIC COMMUNICATION AND INTERACTION AND THE NEED FOR A THEORY OF THE PROCESSES UNDERLYING EFFECTIVE COMMUNICATION IN A FOREIGN CULTURE. THIS ARTICLE APPEARED IN "LANGUAGE LEARNING, A JOURNAL OF APPLIED LINGUISTICS," VOLUME 16, NUMBER 3-4, 1966, PAGES 183-196. (SS)

ED 020 697 FL 000 622
BROOKS, NELSON
THE IDEAL PREPARATION OF FOREIGN LANGUAGE TEACHERS.
NATIONAL FED. OF MODERN LANGUAGE TEACHERS ASSN.
PUB DATE FEB 66
EDRS PRICE MF-$0.25 HC-$0.40 8P.
DESCRIPTORS— *EDUCATIONAL OBJECTIVES, *GRADUATE STUDY, *LANGUAGE INSTRUCTION, *LANGUAGE TEACHERS, *TEACHER EDUCATION, CROSS CULTURAL TRAINING, CULTURAL ANTHROPOLOGY, CULTURE, CURRICULUM DESIGN, INTERNSHIP PROGRAMS, LINGUISTICS, MODERN LANGUAGE ASSOCIATION, PROFESSIONAL EDUCATION, PROGRAM DESIGN, PSYCHOLOGY, SECOND LANGUAGE LEARNING, TEACHER QUALIFICATIONS,
LANGUAGE INSTRUCTION, AS DISTINGUISHED FROM LANGUAGE LEARNING, IS CONSIDERED IN THIS ARTICLE TO BE A NEW DISCIPLINE WHOSE OBJECTIVES ARE COMPETENCE IN THE TARGET LANGUAGE, CULTURAL AWARENESS, AND LITERARY ACQUAINTANCE. THE ESTABLISHMENT OF THIS DISCIPLINE IN TERMS OF A PROFESSIONAL GRADUATE PROGRAM FOR LANGUAGE INSTRUCTORS IS DISCUSSED. THE ARTICLE DEALS BRIEFLY WITH THE CRITERIA FOR THE SELECTION OF CANDIDATES, PREREQUISITES FOR ENTRANCE TO THE PROGRAM, A QUALIFYING EXAMINATION, A PERIOD OF INTERNSHIP, AND A CODE OF ETHICAL STANDARDS FOR LANGUAGE TEACHERS. PARTICULAR ATTENTION IS GIVEN TO THE CURRICULUM DESIGN OF THE PROGRAM, WHICH SHOULD INCLUDE COURSES IN PHILOSOPHY, PHILOLOGY, LITERATURE, PSYCHOLOGY, LINGUISTICS, AND CULTURAL ANTHROPOLOGY, AS WELL AS TRAINING IN DIDACTICS AND IN THE USE OF TECHNOLOGICAL AIDS. THIS SPEECH WAS DELIVERED AT THE CONFERENCE ON THE PREPARATION OF FOREIGN LANGUAGE TEACHERS (HARVARD UNIVERSITY, MAY 7, 1965) AND IS REPRINTED IN "THE MODERN LANGUAGE JOURNAL," VOLUME 50, NUMBER 2, FEBRUARY 1966, PAGES 71-78. (AR)

ED 020 698 FL 000 705
BROOKS, NELSON
LANGUAGE AND LANGUAGE LEARNING, THEORY AND PRACTICE. SECOND EDITION.
PUB DATE 64
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *AUDIOLINGUAL METHODS, *LANGUAGE INSTRUCTION, *LINGUISTICS, *SECOND LANGUAGE LEARNING, *TEACHING METHODS, COURSE OBJECTIVES, CULTURAL CONTEXT, CULTURE, GLOSSARIES, INSTRUCTIONAL MATERIALS, LANGUAGE LABORATORY USE, MODERN LANGUAGES, PATTERN DRILLS (LANGUAGE), SKILL DEVELOPMENT, TEST CONSTRUCTION, VOCABULARY,
DESIGNED TO HELP LANGUAGE TEACHERS MEET THE DEMANDS OF THE AUDIOLINGUAL AND CULTURALLY INTEGRATED APPROACHES TO LANGUAGE TEACHING, THIS BOOK DEALS EXTENSIVELY WITH VARIOUS ASPECTS OF LANGUAGE THEORY, LEARNING, AND INSTRUCTION. A REVISION OF THE FIRST EDITION, THERE IS EXTENDED COVERAGE OF SUCH TOPICS AS PATTERN PRACTICE, TEST CONSTRUCTION, AND THE DEVELOPMENT OF THE FOUR BASIC LANGUAGE SKILLS. SPECIFIC CHAPTERS ALSO CONSIDER LANGUAGE AND CULTURE, LANGUAGE AND LITERATURE, COURSE OBJECTIVES, METHODS, MATERIALS, AND THE LANGUAGE LABORATORY. APPENDIXES GIVE RECOMMENDATIONS FOR CLASSROOM PROCEDURES AND A GLOSSARY OF TERMS. A SEVEN-PAGE BIBLIOGRAPHY CONCLUDES THE BOOK. THIS BOOK IS AVAILABLE FOR $5.50 FROM HARCOURT, BRACE AND WORLD, INC., 757 THIRD AVENUE, NEW YORK, N.Y. 10017. (AR)

ED 020 699 FL 000 717
FRIED, VILEM
PRAGUE SEMINAR ON LANGUAGE TEACHING AIMS, 1967.
FEDERATION INTERNAT. DES PROF. DE LANGUES VIVANTES
PUB DATE DEC 67
EDRS PRICE MF-$0.25 HC-$0.32 6P.
DESCRIPTORS— *CONFERENCE REPORTS, *LANGUAGE TEACHERS, *MODERN LANGUAGES, CULTURAL OPPORTUNITIES, FEDERATION INTERNATIONALE DES PROFESSEURS DE LANGUES VIVANTES, INTERNATIONAL ORGANIZATIONS, LANGUAGE INSTRUCTION, SEMINARS, STUDENT TEACHER RELATIONSHIP, TEACHING METHODS,
AN INTERNATIONAL SEMINAR, WHOSE PURPOSE IT WAS TO DISCUSS THE STRUCTURAL DIFFERENCES IN LANGUAGE TEACHING AIMS, IS REPORTED ON IN THIS ARTICLE. THE THREE PAPERS PRESENTED BY IVAN POLDAUF, VALENTINA ZETLINA, AND JOHN B. CARROLL ARE REVIEWED FOR THEIR DISCUSSIONS ON LINGUISTICS, DIDACTICS, AND PSYCHOLOGY. THE DISCUSSION FOLLOWING THE PRESENTATION OF THE PAPERS IS MENTIONED, WITH PARTICULAR REFERENCE MADE FOR THE NEED TO CLARIFY THE USE OF SUCH TERMS AS AIMS, MOTIVATION, AND METHODS. THIS ARTICLE APPEARED IN "CONTACT," NUMBER 10, DECEMBER 1967, PAGES 2-5. (SS)

ED 020 700 FL 000 726
WHAT DO WE KNOW ABOUT FOREIGN LANGUAGE INSTRUCTION.
TEXAS EDUCATION AGENCY, AUSTIN
REPORT NUMBER TEA-BULL-621
PUB DATE DEC 62
EDRS PRICE MF-$0.50 HC-$4.80 118P.
DESCRIPTORS— *AUDIOLINGUAL METHODS, *FLES, *LANGUAGE INSTRUCTION, *SECONDARY SCHOOLS, *STATE CURRICULUM GUIDES, ADMINISTRATOR RESPONSIBILITY, INSTRUCTIONAL MATERIALS, LANGUAGE LABORATORIES, LANGUAGE LEARNING LEVELS, LANGUAGE SKILLS, MODERN LANGUAGES, PATTERN DRILLS (LANGUAGE), PROGRAM PLANNING, SEQUENTIAL LEARNING, SKILL DEVELOPMENT, TEACHER QUALIFICATIONS, TEACHING METHODS, TEACHING TECHNIQUES, TEST CONSTRUCTION,
DESIGNED SPECIFICALLY FOR TEACHERS AND ADMINISTRATORS, THIS MANUAL PROVIDES GUIDELINES FOR THE IMPROVEMENT OF FOREIGN LANGUAGE INSTRUCTIONAL PROGRAMS. THE METHODS AND MATERIALS FOR FOUR- AND SIX-YEAR SEQUENTIAL PROGRAMS ARE OUTLINED IN CHARTS, WITH CONSIDERATION GIVEN TO THE DEVELOPMENT OF ALL FOUR SKILLS AT EACH GRADE LEVEL. A CHAPTER ON THE PRINCIPLES OF THE AUDIOLINGUAL METHOD OFFERS DETAILS ON INSTRUCTIONAL MATERIALS, TECHNIQUES, AND TESTING, WITH SAMPLE EXERCISES INCLUDED. A SECTION ON LANGUAGE LABORATORY FACILITIES AND THEIR USE INCLUDES ADVICE ON PLANNING, ORDERING, AND MAINTAINING EQUIPMENT. FOLLOWING A LIST OF TEACHER REFERENCES ON THE AUDIOLINGUAL APPROACH ARE FOUR APPENDIXES GIVING POLICY STATEMENTS ON THE VALUE OF FOREIGN LANGUAGE STUDY AND ON FLES, QUALIFICATIONS FOR LANGUAGE TEACHERS IN SECONDARY SCHOOLS, AND RECOMMENDATIONS ON LANGUAGE LABORATORY USE. (RW)

ED 020 701 FL 000 801
ANDERSSON, THEODORE
THE TEACHER OF MODERN FOREIGN LANGUAGES.
PUB DATE 62
EDRS PRICE MF-$0.25 HC-$1.20 28P.
DESCRIPTORS— *LANGUAGE TEACHERS, *SECONDARY SCHOOL TEACHERS, *TEACHER EDUCATION, *TEACHER IMPROVEMENT, *TEACHER QUALIFICATIONS, AUDIOLINGUAL SKILLS, HIGH SCHOOLS, JUNIOR HIGH SCHOOLS, LANGUAGE SKILLS, PROGRAM IMPROVEMENT, SEQUENTIAL PROGRAMS, SKILL DEVELOPMENT, TEACHER EXPERIENCE, TEACHER PROGRAMS, TEACHER WORKSHOPS,
BEGINNING WITH AN AUDIOLINGUAL APPROACH, THE FOUR BASIC SKILLS OF HEARING, SPEAKING, READING, AND WRITING MAY BE DEVELOPED IN LANGUAGE STUDENTS OVER A 6-YEAR SEQUENCE OF STUDY FROM GRADES 7 THROUGH 12. THE DEMAND FOR COMPETENT TEACHERS WHO CAN SUCCESSFULLY IMPLEMENT THIS COURSE OF STUDY HIGHLIGHTS THE NEED FOR IMPROVED TEACHER PREPARATION PROGRAMS. FOR TEACHERS LACKING THE BACKGROUND IN NEW TECHNIQUES, MORE REMEDIAL INSTITUTES SUCH AS THOSE BEGUN BY THE NATIONAL DEFENSE EDUCATION ACT OF 1958 ARE NEEDED TO DEMONSTRATE MODERN PRACTICES TO TEACHERS. FOR PROSPECTIVE LANGUAGE TEACHERS, THERE SHOULD BE A REQUIREMENT BETWEEN THEIR COLLEGE FRESHMAN YEAR AND THE FIRST YEAR OF GRADUATE SCHOOL TO QUALIFY AS AT LEAST "GOOD" IN ALL SEVEN CATEGORIES OF THE MODERN LANGUAGE ASSOCIATION TEACHER-QUALIFICATION TESTS. LINGUISTIC, ANTHROPOLOGICAL, SOCIOLOGICAL, AND PSYCHOLOGICAL SPECIALISTS SHOULD COLLABORATE FOR A COMPLETE IMPROVEMENT OF TEACHER TRAINING PROGRAMS THAT WILL PRODUCE COMPETENT TEACHERS ABLE TO MEET THE PRESENT-DAY DEMANDS. THIS DOCUMENT IS A REPRINT FROM "THE EDUCATION OF THE SECONDARY SCHOOL TEACHER," PUBLISHED BY WESLEYAN UNIVERSITY PRESS, MIDDLETOWN, CONNECTICUT. (SS)

ED 020 702 FL 000 803
PAQUETTE, F. ANDRE
UNDERGRADUATE MFL TEACHER-TRAINING PROGRAMS IN SCHOOLS AND COLLEGES OF EDUCATION--A SURVEY.
NATIONAL FED. OF MODERN LANGUAGE TEACHERS ASSN.
PUB DATE NOV 65
EDRS PRICE MF-$0.25 HC-$0.40 8P.
DESCRIPTORS— *LANGUAGE TEACHERS, *TEACHER EDUCATION, *TEACHER EDUCATION CURRICULUM, *TEACHER PROGRAMS, *UNDERGRADUATE STUDY, COLLEGES, DEGREE REQUIREMENTS, EDUCATIONAL CHANGE, LANGUAGE PROFICIENCY, METHODS COURSES, NATIONAL SURVEYS, STATISTICAL DATA, STUDENT TEACHING, TABLES (DATA), TEACHER CERTIFICATION,
INFORMATION IS PRESENTED BASED ON RESPONSES OF 203 DEPARTMENT CHAIRMEN TO A QUESTIONNAIRE STUDYING THE TRAINING OF FOREIGN LANGUAGE TEACHERS AT THE UNDERGRADUATE LEVEL. SUBJECTS SURVEYED WERE COURSE REQUIREMENTS, PROFICIENCY TESTS, METHODS COURSES, PRACTICE TEACHING, NUMBER OF FOREIGN LANGUAGE GRADUATES, AND PLANS FOR CHANGES IN THE TEACHER TRAINING PROGRAM. SEVEN CHARTS ARE INCLUDED TO FURTHER CLARIFY THIS REPORT, AND COMPARISONS ARE MADE WITH DATA ACCUMULATED IN OTHER STUDIES. THIS ARTICLE IS A REPRINT FROM "THE MODERN LANGUAGE JOURNAL," VOLUME 49, NUMBER 7, NOVEMBER 1965, PAGES 414-421. (AF)

ED 020 703 FL 000 838
LANE, HARLAN
PROGRAMMED LEARNING OF A SECOND LANGUAGE.
PUB DATE NOV 64
EDRS PRICE MF-$0.25 HC-$2.24 54P.
DESCRIPTORS— *DESCRIPTIVE LINGUISTICS, *LANGUAGE RESEARCH, *LANGUAGE SKILLS, *PROGRAMED INSTRUCTION, *SECOND LANGUAGE LEARNING, AUTOINSTRUCTIONAL AIDS, DISCRIMINATION LEARNING, LANGUAGE LABORATORIES, OPERANT CONDITIONING, PROGRAMED MATERIALS, RESPONSE MODE, SKILL DEVELOPMENT, STIMULUS BEHAVIOR, TAPE RECORDINGS, TEACHING MACHINES,
THE PROCESSES OF EXPERIMENTAL PROGRAMING OF A FOREIGN LANGUAGE ARE EXAMINED ACCORDING TO THE PRINCIPLES OF OPERANT CONDITIONING, WHICH IS THE BASIS OF PROGRAMING TECHNIQUES. DISCUSSION OF FORMAL REPERTOIRES COVERS THE USE OF SUCH CONDITIONING METHODS AS DISCRIMINATION LEARNING AND TRANSFER, STIMULUS GENERALIZATION, RESPONSE GENERALIZATION, AND ECHOIC BEHAVIOR TO TEACH STUDENTS TO IMITATE, TRANSCRIBE, READ, AND TAKE DICTATION IN THE TARGET LANGUAGE. THEMATIC REPERTOIRES ARE DISCUSSED IN TERMS OF INTRAVERBAL RESPONSES, TACTS, AND MANDS. CHARTS ARE FOUND THROUGHOUT THE ARTICLE FOR CLARIFICATION OF MATERIAL. ALSO INCLUDED ARE A SUMMARY TABLE OF AVAILABLE LANGUAGE PROGRAMS AND A SIX-PAGE LIST OF REFERENCES. THIS ARTICLE APPEARED IN THE "INTERNATIONAL REVIEW OF APPLIED LINGUISTICS IN LANGUAGE TEACHING," VOLUME 2, NUMBER 4, NOVEMBER 1964, PAGES 249-301. (AF)

ED 020 704 FL 000 859
HARMON, JOHN T., ED.
A SUPPLEMENT FOR GERMAN, NORWEGIAN, POLISH, RUSSIAN, AND SWEDISH TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.
PUB DATE 65
EDRS PRICE MF-$0.50 HC-$3.24 79P.
DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *INSTRUCTIONAL MATERIALS, *LANGUAGE TEACHERS, *MODERN LANGUAGES, *SECONDARY SCHOOL TEACHERS, EVALUATION CRITERIA, FLES TEACHERS, GERMAN, INFORMATION SOURCES, LANGUAGE INSTRUCTION, LANGUAGE LEARNING LEVELS, NORWEGIAN, POLISH, RUSSIAN,
INCLUDED IN THIS ANNOTATED SUPPLEMENT FOR GERMAN, NORWEGIAN, POLISH, RUSSIAN, AND SWEDISH MATERIALS ARE (1) MATERIALS PUBLISHED SINCE THE PRINTING OF THE ORIGINAL LIST, (2) REVISIONS IN SOME OF THE ORIGINAL EVALUATIONS, AND (3) ITEMS INADVERTENTLY OMITTED FROM THE ORIGINAL LIST. PRICES, GRADE LEVEL, PROFICIENCY LEVEL, AND BRIEF CRITICAL EVALUATION ARE GIVEN FOR EACH ITEM IN THE SUPPLEMENT. THE APPENDIXES INCLUDE THE CRITERIA FOR EVALUATING MATERIALS AND A LIST OF PRODUCERS AND DISTRIBUTORS. (AF)

ED 020 705 FL 000 860
HARMON, JOHN T., ED.
A SUPPLEMENT FOR SPANISH AND PORTUGUESE TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.
PUB DATE 65
EDRS PRICE MF-$0.50 HC-$2.60 63P.
DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *LANGUAGE TEACHERS, *PORTUGUESE, *SECONDARY SCHOOL TEACHERS, *SPANISH, EVALUATION CRITERIA, FLES TEACHERS, INFORMATION SOURCES, INSTRUCTIONAL MATERIALS, LANGUAGE INSTRUCTION, LANGUAGE LEARNING LEVELS,
INCLUDED IN THIS ANNOTATED SUPPLEMENT FOR SPANISH AND PORTUGUESE MATERIALS ARE (1) MATERIALS PUBLISHED SINCE THE PRINTING OF THE ORIGINAL LIST, (2) REVISIONS IN SOME OF THE ORIGINAL EVALUATIONS, AND (3) ITEMS INADVERTENTLY OMITTED FROM THE ORIGINAL LIST. PRICES, GRADE LEVEL, PROFICIENCY LEVEL, AND BRIEF CRITICAL EVALUATION ARE GIVEN FOR EACH ITEM IN THE SUPPLEMENT. THE APPENDIXES INCLUDE THE CRITERIA FOR EVALUATING MATERIALS AND A LIST OF PRODUCERS AND DISTRIBUTORS. (AF)

ED 020 706 FL 000 861
HARMON, JOHN T., ED.
A SUPPLEMENT FOR FRENCH AND ITALIAN TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.
PUB DATE 64
EDRS PRICE MF-$0.50 HC-$3.20 78P.
DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *FRENCH, *ITALIAN, *LANGUAGE TEACHERS, *SECONDARY SCHOOL TEACHERS, EVALUATION CRITERIA, FLES TEACHERS, INFORMATION SOURCES, INSTRUCTIONAL MATERIALS, LANGUAGE INSTRUCTION, LANGUAGE LEARNING LEVELS,
INCLUDED IN THIS ANNOTATED SUPPLEMENT FOR FRENCH AND ITALIAN MATERIALS ARE (1) MATERIALS PUBLISHED SINCE THE PRINTING OF THE ORIGINAL LIST, (2) REVISIONS IN SOME OF THE ORIGINAL EVALUATIONS, AND (3) ITEMS INADVERTENTLY OMITTED FROM THE ORIGINAL LIST. PRICES, GRADE LEVEL, PROFICIENCY LEVEL, AND BRIEF CRITICAL EVALUATION ARE GIVEN FOR EACH ITEM IN THE SUPPLEMENT. THE APPENDIXES INCLUDE THE CRITERIA FOR EVALUATING MATERIALS AND A LIST OF PRODUCERS AND DISTRIBUTORS. (AF)

ED 020 707 FL 000 873
HAYES, ALFRED S.
NEW DIRECTIONS IN FOREIGN LANGUAGE TEACHING.
NATIONAL FED. OF MODERN LANGUAGE TEACHERS ASSN.
PUB DATE MAY 65
EDRS PRICE MF-$0.25 HC-$0.60 13P.
DESCRIPTORS— *INSTRUCTIONAL INNOVATION, *INSTRUCTIONAL MATERIALS, *LANGUAGE INSTRUCTION, *LANGUAGE TEACHERS, *TEACHING METHODS, BEHAVIOR PATTERNS, COMMUNICATION (THOUGHT TRANSFER), CONTRASTIVE LINGUISTICS, CROSS CULTURAL TRAINING, DESCRIPTIVE LINGUISTICS, ELECTROMECHANICAL AIDS, HABIT FORMATION, PROGRAMED INSTRUCTION, SCIENTIFIC CONCEPTS, SECOND LANGUAGE LEARNING,
FOUR NEW DIRECTIONS IN FOREIGN LANGUAGE TEACHING REFLECT THE IMPORTANCE OF USING INSIGHTS FROM OTHER DISCIPLINES TO STIMULATE NEW APPROACHES TO OLD PROBLEMS. FIRST, FOREIGN LANGUAGE TEACHING MATERIALS AND METHODS MUST BE BASED ON ACCURATE DESCRIPTIONS AND CROSS-CULTURAL COMPARISONS OF THE SYSTEMS OF COMMUNICATIVE SIGNALS WHICH PEOPLE PRODUCE AND RESPOND TO IN NATIVE AND FOREIGN CULTURES. THIS INCLUDES COMPARISONS NOT ONLY IN TERMS OF THE POINTS OF CONFLICT BETWEEN TWO LANGUAGES, BUT POINTS OF CONFLICT BETWEEN SUCH DIFFERENT MEANS OF COMMUNICATION WITHIN THE LANGUAGE AS THE WRITTEN AND THE SPOKEN STYLE. A SECOND DIRECTION, IN WHICH THE AUTHOR STRESSES THE NEED FOR INTENSIFIED AURAL EXPERIENCE FOR THE BEGINNING STUDENT, IS THE EVENTUAL INTEGRATION OF THE RESULTS OF STUDIES OF HUMAN BEHAVIOR WITH OTHER PSYCHOLINGUISTIC STUDIES. THE THIRD AND FOURTH NEW DIRECTIONS INVOLVE TAKING THE VAST TECHNICAL RESOURCES AT OUR DISPOSAL, FROM PROGRAMED INSTRUCTION TO IMMENSE ELECTRO-MECHANICAL EQUIPMENT, AND PUTTING THEM TO WORK IN THE EFFORT TO SOLVE A VARIETY OF LEARNING PROBLEMS.

THIS ARTICLE IS A REPRINT FROM "THE MODERN LANGUAGE JOURNAL," VOLUME 49, NUMBER 5, MAY 1965, PAGES 281-293. (AF)

ED 020 708 FL 000 875

DAMMER, PAUL E. AND OTHERS.

FLES--A GUIDE FOR PROGRAM REVIEW.

NATIONAL FED. OF MODERN LANGUAGE TEACHERS ASSN.

PUB DATE JAN 68

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS-- *FLES PROGRAMS, *FLES TEACHERS, *PROGRAM ADMINISTRATION, *PROGRAM EVALUATION, *PROGRAM IMPROVEMENT, ARTICULATION (PROGRAM), EDUCATIONAL OBJECTIVES, EVALUATION CRITERIA, NEW YORK STATE EDUCATION DEPARTMENT, ORGANIZATION,

THE FIRST DRAFT OF THIS FLES PROGRAM REVIEW GUIDE WAS INFLUENCED BY THE LONG-ESTABLISHED GUIDE FOR REVIEW OF SECONDARY SCHOOL LANGUAGE PROGRAMS. SEVERAL INFLUENTIAL SOURCES FOR THE GUIDE ARE LISTED, INCLUDING (1) PROFESSIONAL LITERATURE ON FLES, (2) STATEMENTS PUBLISHED BY STATE DEPARTMENTS OF EDUCATION AND THE UNITED STATES OFFICE OF EDUCATION, (3) OBSERVATION OF FLES CLASSES, AND (4) DISCUSSIONS WITH FLES TEACHERS AND LOCAL SCHOOL ADMINISTRATORS. A COPY OF THE FIRST DRAFT IS SUPPLIED FOR THE PURPOSE OF ENCOURAGING PUBLIC SUGGESTIONS AND CRITICISMS. THIS ARTICLE APPEARED IN "THE MODERN LANGUAGE JOURNAL," VOLUME 52, NUMBER 1, JANUARY 1968, PAGES 16-23. (AF)

ED 020 709 FL 000 888

NOSTRAND, HOWARD LEE

REPORT OF HOWARD LEE NOSTRAND, CHAIRMAN OF THE 1967-68 COMMITTEE ON A LEVEL-II STANDARD FOR UNDERSTANDING OF THE SOCIOCULTURAL CONTEXT (19TH ANNUAL MEETING OF THE PACIFIC NORTHWEST CONFERENCE ON FOREIGN LANGUAGES, CARROLL COLLEGE, APRIL 19-20, 1968).

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$0.76 17P.

DESCRIPTORS-- *ACADEMIC STANDARDS, *CROSS CULTURAL TRAINING, *CULTURAL AWARENESS, *LANGUAGE LEARNING LEVELS, *SECOND LANGUAGE LEARNING, ACADEMIC ACHIEVEMENT, AUDIOLINGUAL METHODS, BIBLIOGRAPHIES, CULTURAL ENRICHMENT, CURRICULUM DEVELOPMENT, LANGUAGE INSTRUCTION, LANGUAGE MATERIALS, MODERN LANGUAGES, PROGRAM COORDINATION, SOCIAL STRUCTURE, TEACHING METHODS,

STANDARDS ARE PROPOSED FOR STUDENT UNDERSTANDING IN THE SOCIOCULTURAL COMPONENTS OF A LEVEL II LANGUAGE COURSE, OR AFTER THE FIRST TWO YEARS OF A LANGUAGE IN HIGH SCHOOL. BRIEF STATEMENTS OF STANDARDS FOR LEVELS I, III, AND IV ARE PROVIDED AS BACKGROUND. IT IS ASSUMED THAT NO ENGLISH WILL BE USED IN CLASS, AND THAT CULTURAL INSIGHTS WILL BE TAUGHT BY AUDIOLINGUAL DIALOGS, HOMEWORK, SIMPLE BUT GOOD LITERATURE, AND OPTIONAL READING. MINIMAL AND DESIRABLE STANDARDS ARE LISTED FOR EACH LEVEL OF LANGUAGE LEARNING FOR I-IV, AND A PARTIAL BIBLIOGRAPHY IS INCLUDED. (AF)

ED 020 710 FL 000 889

LINDELL, EBBE

INSTRUCTIONAL METHODS, GERMAN.

SWEDISH NATIONAL BOARD OF EDUCATION, STOCKHOLM

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$0.84 19P.

DESCRIPTORS-- *GERMAN, *INSTRUCTIONAL MATERIALS, *LANGUAGE RESEARCH, *MATERIAL DEVELOPMENT, *TEACHING METHODS, EDUCATIONAL EXPERIMENTS, LANGUAGE INSTRUCTION, MODERN LANGUAGES, OBJECTIVES, SECONDARY SCHOOLS, SWEDEN, TEXTBOOK CONTENT, TEXTBOOK STANDARDS,

THE CONSTRUCTION, REVISION, AND STANDARDIZATION OF INSTRUCTIONAL MATERIAL IN GERMAN IS DISCUSSED IN THIS REPORT AFTER CONSIDERATION IS GIVEN TO THE METHODS AND GOALS CONNECTED WITH THE PRODUCTION OF LANGUAGE MATERIAL. THE ROLE OF RESEARCHERS, AUTHORS, PUBLISHERS, TEACHERS, AND STUDENTS IN DEVELOPING COURSE MATERIAL IS OUTLINED. DESCRIPTIONS ARE GIVEN OF EXPERIMENTS THAT WERE CONDUCTED TO DEAL WITH CONTROVERSIES OVER (1) TEXTBOOK USE, (2) AUDIO-ACTIVE-COMPARE LANGUAGE LABORATORY USE, (3) THE NEED FOR ONE- OR TWO-LANGUAGE EXPLANATIONS OF WORDS, AND (4) STUDENT ATTITUDES TOWARDS DIFFERENT CLASSROOM METHODS. FIVE GOAL ANALYSES IN THE PLANNING STAGE AND WORK METHODS TO BE INTEGRATED INTO THE COURSE MATERIAL ARE ALSO DESCRIBED. THIS DOCUMENT APPEARED AS "SCHOOL RESEARCH NEWSLETTER (STOCKHOLM)," NUMBER 3, 1967. (AF)

ED 020 711 JC 680 070

THOMSON, JACK

PROPERTY APPRAISAL PROVIDES CONTROL, INSURANCE BASIS, AND VALUE ESTIMATE.

PUB DATE JUL 65

EDRS PRICE MF-$0.25 HC-$0.20 3P.

DESCRIPTORS-- *JUNIOR COLLEGES, *PROPERTY ACCOUNTING, BAKERSFIELD, CALIFORNIA, EQUIPMENT INVENTORY, PROPERTY APPRAISAL, PROPERTY INSURANCE,

A COMPLETE PROPERTY APPRAISAL SERVES AS A BASIS FOR CONTROL, INSURANCE AND VALUE ESTIMATE. A PROFESSIONAL APPRAISAL FIRM SHOULD PERFORM THIS FUNCTION BECAUSE (1) IT IS FAMILIAR WITH PROPER METHODS, (2) IT CAN PREPARE THE REPORT WITH MINIMUM CONFUSION AND INTERRRUPTION OF THE COLLEGE OPERATION, (3) USE OF ITS PRICING LIBRARY REDUCES TIME NEEDED AND INCREASES EFFICIENCY, (4) IT WILL PROVIDE CONSISTENCY AND UNIFORMITY, AND (5) THE FINISHED REPORT IS MOST USEFUL TO THE CLIENT. BUILDING APPRAISAL PRESENTS PROBLEMS WHICH VARY WITH THE AGE OF THE CONSTRUCTION. FIRE INSURANCE APPRAISAL PRESENTS PROBLEMS WHICH VARY WITH THE AGE OF THE CONSTRUCTION. FIRE INSURANCE APPRAISAL VALUES INCLUDE (1) NEW REPLACEMENT COST, (2) NEW REPLACEMENT INSURABLE COST, (3) SOUND OR DEPRECIATED VALUE, AND SOUND INSURABLE VALUE. A PROPERTY CONTROL SYSTEM IS THE BEST METHOD OF CONTROLLING MOVEMENT, ACCOUNTING FOR ASSETS, AND DETERMINING NEEDS FOR REPLACEMENT AND ADDITION. USE OF ELECTRONIC DATA PROCESSING EQUIPMENT FACILITATES THE PROCESS. THIS ARTICLE IS PUBLISHED IN "COLLEGE AND UNIVERSITY BUSINESS," VOLUME 39, NUMBER 1, JULY 1965. (WO)

ED 020 712 JC 680 192

SECHLER, ROBERT

A JUNIOR COLLEGE PROPOSAL FOR BOONE AND WINNEBAGO COUNTIES, JOINT REPORT OF THE NORTHERN ILLINOIS JUNIOR COLLEGE COMMITTEE AND NORTHERN ILLINOIS UNIVERSITY.

PUB DATE MAR 64

EDRS PRICE MF-$0.75 HC-$5.32 131P.

DESCRIPTORS-- *COMMUNITY ATTITUDES, *COMMUNITY SURVEYS, *EDUCATIONAL NEEDS, *FEASIBILITY STUDIES, *JUNIOR COLLEGES, BOONE COUNTY, COLLEGE PLANNING, COMMUNITY COLLEGES, COMMUNITY STUDY, ILLINOIS, POST SECONDARY EDUCATION, WINNEBAGO COUNTY,

A PRELIMINARY STEP IN THE PROCESS OF ESTABLISHING ROCK VALLEY COLLEGE IN ROCKFORD, ILLINOIS, WAS THE COMPLETION OF A FEASIBILITY STUDY IN THE COMMUNITIES TO BE SERVED BY THE COLLEGE. THE REPORT WAS PREPARED IN 10 PARTS--(1) GENERAL DESCRIPTION OF JUNIOR COLLEGES, (2) AREA POPULATION AND ENROLLMENT PROJECTIONS, (3) HIGH SCHOOL STUDENTS AND GRADUATES AND ADULT EDUCATION STUDENTS, (4) BUSINESS AND INDUSTRIAL NEEDS, (5) THE EDUCATIONAL PROGRAM, (6) BUILDINGS AND SITES, (7) ADMINISTRATIVE ORGANIZATION, (8) FINANCIAL ANALYSIS, (9) CONCLUSIONS AND RECOMMENDATIONS OF THE STUDY COMMITTEE, AND (10) THE RESULTS OF A COMMUNITY SURVEY OF ATTITUDES TOWARD THE IDEA OF A JUNIOR COLLEGE. THIS SURVEY WAS CONDUCTED BY MEANS OF A STRUCTURED INTERVIEW AT THE HOME OF THE RESPONDENT, WITH SOME TELEPHONE INTERVIEWS OF THOSE WHO HAD BEEN DIFFICULT TO REACH AT HOME. DETAILED RESULTS OF ALL PHASES OF THE STUDY ARE PRESENTED. (WO)

ED 020 713 JC 680 194

ADAMS, DEWEY ALLEN

AN ANALYSIS OF ROLES OF THE COMMUNITY COLLEGE IN CONTINUING EDUCATION IN CONJUNCTION WITH OTHER ORGANIZATIONS WHICH PROVIDE EDUCATION FOR ADULTS.

FLORIDA UNIV., GAINESVILLE

PUB DATE DEC 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS-- *ADULT EDUCATION, *COMMUNITY COORDINATION, *JUNIOR COLLEGES, *SCHOOL COMMUNITY COOPERATION, ADMINISTRATOR ATTITUDES, COLLEGE COOPERATION, COLLEGE ROLE, COMMUNITY COOPERATION, COMMUNITY PROGRAMS, DOCTORAL THESES,

THIS STUDY SOUGHT TO SYNTHESIZE THE ROLES OF THE JUNIOR COLLEGE AND OTHER ORGANIZATIONS OFFERING CONTINUING EDUCATION. EIGHT CATEGORIES OF EXPERTS AND ADMINISTRATORS (324) WERE ASKED WHICH OF SIX EDUCATIONAL AREAS THEY CONSIDERED MOST IMPORTANT--TRANSFER, VOCATIONAL-TECHNICAL, CONTINUING, COMMUNITY SERVICE, GENERAL, AND STUDENT SERVICE. THE 18 CONCLUSIONS FROM THE FINDINGS INCLUDED--(1) TRANSFER AND OCCUPATIONAL COURSES WERE GENERALLY FELT TO BE MOST IMPORTANT, (2) SOME LEADERS GAVE ALL AREAS NEARLY EQUAL PRIORITY, WITH OPINIONS VARYING WITHIN AND AMONG THE GROUPS, (3) COSPONSORED ADULT COURSES WERE HIGHLY SUCCESSFUL, (4) ATTENTION TO COMMUNITY SERVICE WAS ON THE INCREASE, AND (5) FEDERAL PARTICIPATION WAS AT A HIGH AND GROWING LEVEL. THE 12 RECOMMENDATIONS INCLUDED--(1) COOPERATION BETWEEN THE COLLEGE AND OTHER ORGANIZATIONS, EMPHASIZING COURSES NOT ALREADY OFFERED AND PREFERRING COSPONSORSHIP TO OVERLAP, (2) A MASTER PLAN WITH PROVISION FOR FULL-TIME FACULTY, (3) PLANS FOR IN-SERVICE TRAINING, COMMUNITY EDUCATION, AND PUBLIC RELATIONS, (4) A COMPREHENSIVE CONSULTING COMMITTEE TO COORDINATE LAY AND PROFESSIONAL EFFORTS, (5) GROWTH OF THE COLLEGE AS A UNIFYING FORCE IN THE COMMUNITY, (6) FURTHER STUDY OF FEDERAL FUNDING, AND (7) EXAMINATION OF THE PERSONALITY AND CONTRIBUTIONS OF THE PROFESSIONAL LEADER. AVAILABLE AS DOC. NO. 67-12,910 FOR $3.40 (MICROFILM) OR $11.95 (XEROX) FROM UNIVERSITY MICROFILMS. INC., BOX 1346, ANN ARBOR, MICH. 48106. (HH)

ED 020 714 JC 680 215

CHRISTOPHER, BEVERLY B. VICK, FRANCES C.

STUDY OF THE PROGRESS OF FRESHMAN ENGLISH STUDENTS AT WINGATE COLLEGE.

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$0.36 7P.

DESCRIPTORS-- *ENGLISH CURRICULUM, *ENGLISH INSTRUCTION, *JUNIOR COLLEGES, *REMEDIAL COURSES, FRESHMEN, NORTH CAROLINA, WINGATE,

ALL FRESHMEN AT WINGATE COLLEGE, NORTH CAROLINA, HAVE BEEN REQUIRED TO TAKE ENGLISH 101, WITH SPECIAL 101R SECTIONS FOR THOSE WITH ENTRANCE EXAMINATION SCORES INDICATING A NEED FOR REMEDIAL WORK. BY MEETING FIVE HOURS

WEEKLY INSTEAD OF THE USUAL THREE, THE ENGLISH 101R STUDENTS HAD THE BENEFIT OF MORE DIRECTION, PRACTICE, DRILL, AND GUIDANCE. IN 1965, A GROUP OF REMEDIAL STUDENTS WERE ENROLLED IN A SPECIALLY DESIGNED NONCREDIT ENGLISH 100 COURSE. AS COMPARED WITH THE 101R STUDENTS, GREATER PERCENTAGE OF THE ENGLISH 100 STUDENTS (1) GRADUATED, EVEN THOUGH AN EXTRA SEMESTER HAD BEEN REQUIRED OF THEM, (2) PERFORMED SATISFACTORILY IN SUBSEQUENT ENGLISH COURSES, AND (3) AVOIDED PROBATIONARY STATUS. (WO)

ED 020 715 **JC 680 218**

THE ILLINOIS VALLEY COMMUNITY COLLEGE OCCUPATIONAL SURVEY, A COOPERATIVE ARRANGEMENT PROGRAM UNDER TITLE III OF THE HIGHER EDUCATION ACT OF 1965.

NORTHERN ILLINOIS UNIV., DE KALB

PUB DATE 67

EDRS PRICE MF-$0.75 HC-$5.40 133P.

DESCRIPTORS— *COMMUNITY SURVEYS, *INDUSTRIAL EDUCATION, *JUNIOR COLLEGES, *OCCUPATIONAL SURVEYS, *VOCATIONAL EDUCATION, ILLINOIS VALLEY COMMUNITY COLLEGE, INDUSTRIAL TRAINING, QUESTIONNAIRES, TRADE AND INDUSTRIAL EDUCATION,

THE COLLEGE OF BUSINESS AT NORTHERN ILLINOIS UNIVERSITY AND THE ILLINOIS VALLEY COMMUNITY COLLEGE COLLECTED THIS INFORMATION FOR THE GEOGRAPHIC AREA SERVED BY IVCC, TO DETERMINE THE RELATION BETWEEN OCCUPATIONAL CATEGORIES AND RECOMMENDED TRAINING. QUESTIONNAIRE RETURNS REPRESENT OVER 30 PERCENT OF EMPLOYERS IN THE AREA, INTERVIEWS COVER PROFESSIONALS AND THE EXECUTIVES OF MOST FIRMS WITH OVER 100 EMPLOYEES, AND SPECIAL CONSULTANT REPORTS COVER CERTAIN CRITICAL OCCUPATIONS. THE 11 OCCUPATIONAL GROUPS, RANKED BY NUMBER OF WORKERS, ARE OPERATIVES, CRAFTSMEN AND FOREMEN, FARMERS, CLERICAL WORKERS, PROFESSIONALS, TECHNICIANS, SERVICE WORKERS, MANAGERS, SALESMEN, LABORERS, AND DOMESTICS. THE INDUSTRIAL GROUPS, SIMILARLY RANKED, ARE (1) MANUFACTURING, (2) RETAIL TRADE, (3) SERVICES, (4) TRANSPORTATION AND PUBLIC UTILITIES, (5) CONSTRUCTION, (6) WHOLESALE TRADE, (7) FINANCE, INSURANCE, AND REAL ESTATE, (8) MINING, AND (9) AGRICULTURE. CERTAIN KINDS OF TRAINING CAN BE APPLIED TO SEVERAL INDUSTRIES, WHILE OTHER KINDS (E.G., FARM TRAINING) HAVE ONLY SPECIALIZED USE. EMPLOYERS IN EACH INDUSTRIAL GROUP LISTED THE PREFERRED TRAINING FOR VARIOUS JOBS. THE SPECIAL REPORTS COVER THE FIELDS OF CHEMICAL TECHNOLOGY, OFFICE WORK, FOOD SERVICE, HEALTH SERVICE, METAL WORKING, AND THE ELECTRICAL/ELECTRONICS INDUSTRY. MANPOWER NEEDS, TRAINING CONDITIONS, AND TRENDS ARE SUMMARIZED. (HH)

ED 020 716 **JC 680 219**

YOUNG, ELMA L.

SURVEY OF LIBRARY PERSONNEL IN SIERRA COLLEGE EMPLOYMENT AREA.

SIERRA COLL., ROCKLIN, CALIF.

PUB DATE 15 APR 68

EDRS PRICE MF-$0.25 HC-$0.64 14P.

DESCRIPTORS— *EMPLOYMENT OPPORTUNITIES, *JUNIOR COLLEGES, *LIBRARIANS, *LIBRARY SURVEYS, *SUBPROFESSIONALS, CALIFORNIA, COLLEGE LIBRARIES, COMMUNITY SURVEYS, LABOR MARKET, LIBRARIES, OCCUPATIONAL SURVEYS, PROFESSIONAL PERSONNEL, PUBLIC LIBRARIES, ROCKLIN, SCHOOL LIBRARIES, TECHNICAL EDUCATION,

FOR TWO YEARS PRIOR TO THIS STUDY, SIERRA COLLEGE, CALIFORNIA, HAD OFFERED LIBRARY TECHNICIAN TRAINING IN ITS EVENING PROGRAM. A SURVEY OF LIBRARIES IN THE 5-COUNTY EMPLOYMENT AREA OF THE COLLEGE'S GRADUATES WAS MADE IN 1968 TO DETERMINE NEEDS FOR LIBRARY TECHNICIANS. IN THE FIVE COUNTIES, 167 LIBRARIES WERE IDENTIFIED, WITH A TOTAL OF 1084 EMPLOYEES. MAJOR LIBRARIES IN THE SACRAMENTO METROPOLITAN AREA ACCOUNTED FOR 694 EMPLOYEES. THE NEED FOR TRAINING NONPROFESSIONAL LIBRARY PERSONNEL WAS DEMONSTRATED BY THE EXISTENCE OF 775 SUCH POSITIONS. ANOTHER SOURCE OF EMPLOYMENT WAS THE SCHOOL LIBRARIES, WHICH DID NOT MEET COMMONLY RECOGNIZED STANDARDS. INSERVICE TRAINING NEEDS OF CURRENTLY EMPLOYED PERSONNEL ALSO CONTRIBUTED TO THE NEED FOR THE COLLEGE'S PROGRAM. (WO)

ED 020 717 **JC 680 220**

FACULTY ORIENTATION BY A NEW COMMUNITY COLLEGE.

WILLIAM RAINEY HARPER COLL., PALATINE, ILL.

PUB DATE 67

EDRS PRICE MF-$0.50 HC-$4.28 105P.

DESCRIPTORS— *JUNIOR COLLEGES, COLLEGE FACULTY, COLLEGE ROLE, COLLEGE TEACHERS, COMMUNITY COLLEGES, GOVERNANCE, GOVERNING BOARDS, INNOVATION, INSERVICE TEACHER EDUCATION, TEACHER ORIENTATION, TEACHER ROLE,

BEFORE THE OPENING OF CLASSES IN THE FIRST SEMESTER OF OPERATION OF WILLIAM RAINEY HARPER COLLEGE, THE FACULTY PARTICIPATED IN A 3-WEEK ORIENTATION PROGRAM IN WHICH ATTENTION WAS GIVEN TO SUCH MATTERS AS (1) THE HISTORY AND PROGRESS OF THE COLLEGE, (2) THE COLLEGE POLICY MANUAL, WITH PARTICULAR ATTENTION TO PERSONNEL POLICIES, (3) COMMUNITY SERVICES, (4) STUDENT PERSONNEL SERVICES, (5) FACULTY INVOLVEMENT IN GOVERNANCE, (6) COURSE PLANNING, (7) OPERATING PROCEDURES, AND (8) INSTRUCTIONAL EQUIPMENT DEMONSTRATIONS. TIME WAS SCHEDULED FOR INDIVIDUAL, COMMITTEE, AND DEPARTMENTAL WORK. FOUR PRESENTATIONS BY NATIONAL AUTHORITIES IN JUNIOR COLLEGES ARE INCLUDED IN THE REPORT–(1) THE COMMUNITY COLLEGE MISSION AND PROGRAM, (2) STUDENT PERSONNEL SERVICES IN THE COMPREHENSIVE COLLEGE, (3) GOVERNING BOARDS, AND (4) INNOVATION AND EXPERIMENTATION IN THE JUNIOR COLLEGE. PRIOR TO THE ORIENTATION PROGRAM, FACULTY MEMBERS COMPLETED AN ATTITUDE SURVEY. RESULTS OF THIS SURVEY AND OF THE FACULTY EVALUATION OF THE PROGRAM ARE SUMMARIZED. (WO)

ED 020 718 **JC 680 221**

KILPATRICK, GORDON

CHOOSING AN OCCUPATION WISELY–A PROPOSAL TO TAKE THE GUESSWORK OUT OF FUTURE VOCATIONAL GUIDANCE.

PUB DATE MAR 68

EDRS PRICE MF-$0.25 HC-$1.12 26P.

DESCRIPTORS— *COUNSELING, *JUNIOR COLLEGES, *OCCUPATIONAL CHOICE, *SYSTEMS APPROACH, *VOCATIONAL COUNSELING, CAREER CHOICE, CAREER PLANNING, COLLEGE STUDENTS, OCCUPATIONAL GUIDANCE,

ON ENTERING JUNIOR COLLEGE, THE STUDENT HAS MADE OR WILL SOON MAKE AN OCCUPATIONAL CHOICE. HE USUALLY MAKES IT WITHOUT ENOUGH UNDERSTANDING OF HIMSELF. THE COUNSELING OFFICE MAY BE UNDERSTAFFED OR PRIMARILY CONCERNED WITH PROGRAM ADVISEMENT RATHER THAN WITH THE PROPER DIRECTION OF THE PROGRAM. HIS CHOICE MAY THEREFORE BE MADE IN RESPONSE TO CURRENT INTERESTS (SUBJECT TO CHANGE) OR TO PARENTAL INFLUENCE, NEITHER OF WHICH MAY RECOGNIZE THE STUDENT'S ABILITY OR POTENTIAL. A SYSTEMS APPROACH IS PROPOSED TO ASSESS THE STUDENT'S ABILITIES AND INTERESTS BY A BATTERY OF TESTS. THE PROFILE OF HIS TEST SCORES IS COMPARED MATHEMATICALLY FOR BEST FIT WITH STATISTICAL RENDITIONS OF PROFILES OF JOB REQUIREMENTS AS DETERMINED BY THE TEST SCORES OF SUCCESSFUL PRACTITIONERS IN MANY JOBS. THE CAREERS FOR WHICH THE STUDENT IS BEST FITTED WILL BE SHOWN IN RANK ORDER. HE MAY THEN SEEK INFORMATION ABOUT THE ONES WITH WHICH HE IS UNFAMILIAR AND ABOUT THE OPPORTUNITIES IN THOSE AREAS THAT INTEREST HIM. THIS SYSTEM WOULD OBJECTIFY THE PRESENT RANDOM SELECTION PROCESS, MAKING MORE EFFICIENT USE OF THE STUDENT'S, TEACHER'S, AND COUNSELOR'S TIME, AND OF TAX DOLLARS, EDUCATIONAL FACILITIES, AND SOCIETY'S MANPOWER. (HH)

ED 020 719 **JC 680 222**

KILPATRICK, GORDON

ACADEMIC RANK CRITERIA IN AMERICAN JUNIOR COLLEGES.

REPORT NUMBER ECC-65-24

PUB DATE JUL 65

EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS— *ACADEMIC RANK (PROFESSIONAL), *COLLEGE FACULTY, *FACULTY PROMOTION, *JUNIOR COLLEGES, COLLEGE TEACHERS, PROFESSORS, TEACHER PROMOTION,

ACADEMIC RANK IS INCREASING IN FREQUENCY IN AMERICAN JUNIOR COLLEGES. THE PRIMARY REASON FOR ADOPTION OF RANK IS A DESIRE TO IDENTIFY WITH SENIOR INSTITUTIONS OF HIGHER EDUCATION, FOLLOWED BY HOPES OF INCREASING STATUS AND MORALE, OF RELATING SALARY TO TEACHING PROFICIENCY, OF ATTRACTING BETTER FACULTY AND OF FACILITATING ACCEPTANCE OF PUBLICATIONS. INITIAL PLACEMENT OF FACULTY IN THE RANK SYSTEM HAS BEEN IDENTIFIED AS ONE OF THE MOST COMMON SOURCES OF ADMINISTRATIVE ERRORS. IT SHOULD BE BASED ON EVALUATION OF TRANSCRIPTS, LETTERS OF RECOMMENDATION, AND PREVIOUS EXPERIENCE. PROMOTION, WHICH SHOULD BE A REWARD FOR SUPERIOR PERFORMANCE, IS TOO FREQUENTLY A REWARD FOR LONGEVITY. PROMOTION SHOULD BE BASED ON PERFORMANCE, EDUCATIONAL ATTAINMENTS, PROFESSIONAL STUDY AND GROWTH, AND COMMUNITY SERVICE. A BIBLIOGRAPHY IS INCLUDED. (WO)

ED 020 720 **JC 680 223**

KILPATRICK, GORDON

ANOTHER LOOK AT TEACHER EVALUATION IN AMERICAN JUNIOR COLLEGES.

EL CAMINO COLL., EL CAMINO COLLEGE, CALIF.

REPORT NUMBER ECC-67-8

PUB DATE MAR 67

EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS— *CRITICAL INCIDENTS METHOD, *EFFECTIVE TEACHING, *JUNIOR COLLEGES, *TEACHER EVALUATION, EVALUATION, OBSERVATION, TEACHER IMPROVEMENT,

THE PURPOSES OF EVALUATION ARE TO (1) PERMIT THE SCHOOL TO ASSESS ITS EFFECTIVENESS, (2) IMPROVE INSTRUCTION, AND (3) ASSURE GROWTH AND DEVELOPMENT OF THE TEACHER. IF EVALUATION CAN BE PROPOSED AS A WAY TO RECOGNIZE SUPERIOR TEACHERS RATHER THAN AS A SEARCH FOR FAULT, IT IS LIKELY TO MEET WITH LESS RESISTANCE. INITIAL EVALUATION, A PART OF THE HIRING PROCESS, IS MADE FROM TRANSCRIPTS, RECOMMENDATIONS, PLACEMENT FILES, APPLICATION FORMS, AND INTERVIEWS. SUBSEQUENT EVALUATION MUST BE MADE OF THE INSTRUCTOR'S TEACHING EFFECTIVENESS. IT MAY DISCOVER NEW IDEAS OR TECHNIQUES TO BE SHARED WITH OTHERS AS WELL AS FAULTS TO BE CORRECTED. IT CAN BE ACCOMPLISHED IN WAYS OF VARYING DIFFICULTY–BY CHECKING THE LATER SCHOOL WORK OR EMPLOYMENT RECORD OF THE STUDENT, BY CORRELATING OVER THE YEARS THE STUDENT'S REALIZED SUCCESS WITH THE TEACHER'S PREDICTION OF HIS SUCCESS, CONSISTENT USE OF STANDARDIZED TESTS IN THE TEACHER'S SUBJECT AREA, BY CLASSROOM VISITS (TO OBSERVE THE PRESENTATION OF THE MATERIAL AND ITS ADAPTATION TO THE READINESS OF THE CLASS), OR BY USE OF THE "CRITICAL INCIDENT TECHNIQUE," WHICH IS

THE ANALYSIS OF INCIDENTS WHERE THE TEACHER WAS JUDGED UNUSUALLY EFFECTIVE OR INEPT. EVALUATION IS WARRANTED PARTICULARLY BEFORE CONSIDERATION FOR PROMOTION, BEFORE AWARD OF TENURE, OR AFTER AN ANALYSIS OF CRITICAL INCIDENTS. (HH)

ED 020 721 JC 680 224
KILPATRICK, GORDON
IN-SERVICE EDUCATION WITH RECOMMENDATIONS CONCERNING ITS IMPLEMENTATION IN AMERICAN JUNIOR COLLEGES.
EL CAMINO COLL., EL CAMINO COLLEGE, CALIF.
REPORT NUMBER ECC-67-7
PUB DATE AUG 67
EDRS PRICE MF-$0.25 HC-$0.92 21P.
DESCRIPTORS— *COLLEGE FACULTY, *INSERVICE TEACHER EDUCATION, *INSTRUCTIONAL STAFF, *JUNIOR COLLEGES, *TEACHER IMPROVEMENT, INSERVICE PROGRAMS, STAFF IMPROVEMENT,
THE MAJOR PURPOSES OF INSERVICE TEACHER EDUCATION ARE (1) DISCUSSION AND EVENTUAL SOLUTION OF INDIGENOUS PROBLEMS, (2) PRESENTING NEW IDEAS AND METHODS OF TEACHING, (3) KEEPING UP TO DATE ON SUBJECT MATTER, AND (4) ORIENTING NEW TEACHERS, AND REORIENTING OLD TEACHERS TO NEW PHILOSOPHIES. THESE OBJECTIVES ARE CURRENTLY BEING MET BY INSTITUTES, CONFERENCES, CONVENTIONS, WORKSHOPS, FACULTY AND DEPARTMENTAL MEETINGS, CONSULTANTS, UNIVERSITY COURSES, CLASSROOM VISITS, ACTION RESEARCH, AND PROFESSIONAL ON-CAMPUS LIBRARIES. BARRIERS TO INSERVICE TRAINING ARE (1) ACADEMIC (THE DIFFICULTY OF GETTING CREDITS FOR NONACADEMIC WORK), (2) FINANCE (WHO IS TO BEAR THE COST), (3) CERTIFICATION (INAPPLICABLE STATE REQUIREMENTS), (4) ATTITUDE (THE LEARNER MUST NEED AND FEEL INVOLVEMENT WITH THE COURSE), AND (5) TIME (RELEASED-TIME, SUMMER SESSION, OR OTHER). AMONG THE ELEVEN RECOMMENDATIONS FOR THE JUNIOR COLLEGE ARE (1) FACULTY COMMITMENT TO INSERVICE EDUCATION, AND INVOLVEMENT IN SETTING UP THE PROGRAM, (2) SELECTION OF THE BEST TECHNIQUES, (3) PROVISION OF PROGRAMS THAT ARE REALLY NEEDED, RESOURCES AND TIME, (4) PROVISION OF INCENTIVES IN SALARY OR CREDITS, (5) CERTIFICATION OF COMPLETION OF THE PROGRAM, (6) VISITING AMONG TEACHERS, (7) ACTION RESEARCH, (8) POST-DEGREE STUDIES PERTINENT TO CURRENT CLASSROOM NEEDS, AND (9) TEACHER UNDERSTANDING OF JUNIOR COLLEGE OBJECTIVES. (HH)

ED 020 722 JC 680 225
GALLAGHER, SISTER M. EYMARD
A STUDY OF PRIVATE TWO-YEAR COLLEGE FUND RAISING PROGRAMS.
COLUMBIA UNIV., NEW YORK, TEACHERS COLLEGE
PUB DATE 64
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *FINANCIAL SUPPORT, *JUNIOR COLLEGES, *PRIVATE FINANCIAL SUPPORT, *PRIVATE SCHOOLS, EDUCATIONAL FINANCE,
IN A STUDY OF EDUCATIONAL FUND RAISING PRACTICES AT PRIVATE 2-YEAR COLLEGES, A 66-PERCENT RETURN WAS RECEIVED FROM QUESTIONNAIRES SENT TO 174 COLLEGES. OF THE RESPONDENTS, 82 PERCENT HAD FUND RAISING PROGRAMS. THE AUTHOR FOUND THAT (1) PRIVATE 2-YEAR COLLEGES WERE LESS EFFECTIVE IN FUND RAISING THAN SENIOR INSTITUTIONS, (2) PRIVATE 2-YEAR COLLEGES WERE NOT SUFFICIENTLY WELL ORGANIZED FOR FUND SOLICITATION, WITH INADEQUATE STAFF AND BUDGET FOR SUCH PURPOSES, (3) MOST PRIVATE 2-YEAR COLLEGES, NOT HAVING WELL DEFINED LONG RANGE PLANS, HAD NOT FORMULATED FUND RAISING AIMS AND OBJECTIVES, AND (4) COLLEGES WITH FUND OFFICERS WERE MORE SUCCESSFUL THAN THOSE WITHOUT SUCH PERSONNEL. THE AUTHOR RECOMMENDED (1) INCLUSION IN FUND RAISING PROGRAMS OF A DIRECTOR OF ADVANCEMENT, A FUND RAISING OFFICER, A PUBLIC RELATIONS OFFICER, AND AN ALUMNI OFFICER, AND (2) DEVELOPMENT OF LONG RANGE PLANS WITH COOPERATION OF TRUSTEES, ADMINISTRATION AND FACULTY. THIS ED.D. DISSERTATION IS AVAILABLE AS DOCUMENT NO. 65-2275, FOR $3.00 (MICROFILM) OR $8.20 (XEROGRAPHIC COPY) FROM UNIVERSITY MICROFILMS, INC., P.O. BOX 1346, ANN ARBOR, MICHIGAN 48106. (WO)

ED 020 723 JC 680 226
HARDESTER, JANE SKINNER AND OTHERS
SUGGESTED GUIDELINES FOR THE JUNIOR COLLEGE CHORAL PROGRAM AS PREPARED BY THE ACDA COMMITTEE ON JUNIOR COLLEGE CHORAL PROBLEMS.
EL CAMINO COLL., EL CAMINO COLLEGE, CALIF.
REPORT NUMBER ECC-68-3
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$1.56 37P.
DESCRIPTORS— *CHORAL MUSIC, *CHORUS, *JUNIOR COLLEGES, *MUSIC EDUCATION, *VOCAL MUSIC, CURRICULUM GUIDES, CURRICULUM PLANNING, MUSIC, MUSIC ACTIVITIES,
A COMMITTEE OF THE AMERICAN CHORAL DIRECTORS ASSOCIATION HAS PREPARED A SUGGESTED PROGRAM DESIGNED TO REFLECT THE HETEROGENEOUS INTERESTS OF JUNIOR COLLEGE STUDENTS AND TO SERVE ALL APPLICANTS, WHETHER THEY BE TRANSFER, TERMINAL, OR ADULT STUDENTS. THE ASSOCIATION GOALS ARE (1) TO OFFER A GRADED MUSIC CURRICULUM, (2) TO INSURE ADEQUATE FACULTY OF MUSIC EDUCATORS, (3) TO DEVELOP DISCRIMINATION IN THE CHOICE OF CHORAL LITERATURE, (4) TO PROVIDE AN ADEQUATE FESTIVAL PROGRAM, (5) TO RELATE THE CHORAL PROGRAM TO THE TOTAL MUSIC CURRICULUM AND TO THE COMMUNITY, AND (6) TO ARRANGE A VARYING CONCERT SCHEDULE. THE AREAS COVERED IN THE PROGRAM ARE (1) CHORAL ORGANIZATIONS, (2) RELATED CURRICULUM OFFERINGS, (3) TYPES OF CONCERTS BY AND FOR THE CHORAL CLASSES, (4) CHORAL MATERIALS, AND (5) THE FESTIVAL PROGRAM, (6) COMMUNITY SERVICES, (7) CHALLENGES AND OPPORTUNITIES WITHIN THE JUNIOR COLLEGE, AND (8) A DESCRIPTION OF AREAS FOR FURTHER STUDY. THE DOCUMENT ALSO INCLUDES A DESCRIPTION OF ONE COLLEGE'S "SCHOLA CANTORUM", OR SYMPHONIC CHOIR, A PARTIAL LIST OF REPERTORY MATERIALS FOR A JUNIOR COLLEGE CHORUS, AND SOME TYPICAL MATERIALS FOR PLANNING A CHOIR FESTIVAL. THIS PAPER WAS PRESENTED AT THE NATIONAL CONVENTION OF THE AMERICAN CHORAL DIRECTORS ASSOCIATION (SEATTLE, MARCH 13-14, 1968). (WO)

ED 020 724 JC 680 227
BOSS, RICHARD D. ANDERSON, ROBERTA
COMMUNITY JUNIOR COLLEGE, A BIBLIOGRAPHY.
OREGON STATE SYSTEM OF HIGHER EDUCATION, CORVALLIS
PUB DATE 67
EDRS PRICE MF-$0.75 HC-$7.24 179P.
DESCRIPTORS— *BIBLIOGRAPHIES, *COMMUNITY COLLEGES, *FILMS, *JUNIOR COLLEGES, ACCREDITATION (INSTITUTIONS), COLLEGE ADMINISTRATION, COLLEGE CURRICULUM, COLLEGE FACULTY, COLLEGE INSTRUCTION, COLLEGE LIBRARIES, COLLEGE STUDENTS, COLLEGE TEACHERS, EDUCATIONAL FACILITIES, FILMSTRIPS, GUIDANCE, STUDENT PERSONNEL SERVICES,
THIS SECOND EDITION OF THE BIBLIOGRAPHY EXCLUDES MOST MATERIAL BEFORE 1956 AND HAS BEEN UPDATED TO JANUARY 1967. THE CONTENTS ARE CLASSIFIED BY (1) RELATED BIBLIOGRAPHIES, (2) GENERAL WORKS, (3) HISTORY, (4) PURPOSES AND CHARACTERISTICS, (5) ADMINISTRATION AND ORGANIZATION, (6) FINANCING, (7) CURRICULUMS, (8) GUIDANCE, (9) THE STUDENTS, (10) TEACHERS AND TEACHING, (11) PHYSICAL PLANTS, (12) ACCREDITATION, (13) LIBRARIES, (14) RESEARCH, (15) SERIALS, (16) AN AUTHOR INDEX, AND (17) FILMS AND FILMSTRIPS. THE FILM SECTION IS BRIEFLY ANNOTATED AND SOURCES FOR THE FILMS ARE LISTED. THIS DOCUMENT IS ALSO AVAILABLE FOR $1.75 FROM DCE INFORMATION SERVICES, WALDO HALL 100, CORVALLIS, OREGON 97331. (HH)

ED 020 725 JC 680 228
REID, RONALD JAMES
FLORIDA JUNIOR COLLEGE JOURNALISM CURRICULA, A REPORT.
PUB DATE FEB 68
EDRS PRICE MF-$0.25 HC-$1.64 39P.
DESCRIPTORS— *COLLEGE CREDITS, *COURSE DESCRIPTIONS, *COURSES, *JOURNALISM, *JUNIOR COLLEGES, ARTICULATION (PROGRAM), COURSE CONTENT, COURSE ORGANIZATION, CREDIT COURSES, FLORIDA, NEWSPAPERS, SCHOOL PUBLICATIONS, WRITING,
A 1968 SURVEY OF FLORIDA JUNIOR COLLEGE JOURNALISM PROGRAMS GATHERED INFORMATION ABOUT THE NATURE OF COURSES OFFERED AND THE CREDIT GRANTED FOR SUCH COURSES. OF THE 26 JUNIOR COLLEGES IN THE STATE, 23 OFFERED JOURNALISM INSTRUCTION, WITH 14 PRESENTING A BASIC COURSE SIMILAR TO THAT OF THE UNIVERSITY OF FLORIDA. ALTHOUGH THE UNIVERSITY OF FLORIDA ACCEPTED ONLY SIX UNITS FOR TRANSFER CREDIT IN THE PREPROFESSIONAL JOURNALISM SEQUENCE, SIX COLLEGES OFFERED 10 OR MORE CREDIT HOURS, AND ONE MADE AVAILABLE 26 CREDIT HOURS. SUCH VARIATION OCCURRED PRIMARILY IN THE PUBLICATIONS PROGRAMS OF THE COLLEGES. RECOMMENDATIONS DERIVED FROM THE FINDINGS INCLUDED (1) DEVELOPMENT OF MINIMUM GUIDELINES FOR THE BASIC COURSE, (2) ESTABLISHMENT OF A PERMANENT INTERINSTITUTIONAL CURRICULUM COMMITTEE TO WORK WITH PUBLICATIONS ADVISORS, AND (3) INCREASED ARTICULATION AMONG THE JUNIOR COLLEGES AND BETWEEN THE JUNIOR COLLEGES AND THE UNIVERSITY.(WO)

ED 020 726 JC 680 230
FARLEY, CATHERINE
A LONG TERM STUDY OF THE RESULTS OF SPECIAL COUNSELING AND INSTRUCTIONAL TECHNIQUES USED WITH STUDENTS WITH SEEMINGLY LOW ACADEMIC POTENTIAL AS MEASURED BY MERRITT COLLEGE CLASSIFICATION TESTS.
MERRITT COLL., OAKLAND, CALIF.
PUB DATE 22 APR 68
EDRS PRICE MF-$0.25 HC-$0.92 21P.
DESCRIPTORS— *ACHIEVEMENT, *EDUCATIONAL EXPERIMENTS, *EDUCATIONALLY DISADVANTAGED, *JUNIOR COLLEGES, *TIME BLOCKS, ACADEMIC PERFORMANCE, CALIFORNIA, CORE COURSES, CORE CURRICULUM, LOW ABILITY STUDENTS, NEGRO ACHIEVEMENT, NEGRO STUDENTS, OAKLAND, PERSISTENCE, PROGRAM EVALUATION,
IN THREE SUCCESSIVE SEMESTERS (SPRING 1965, FALL 1965, AND SPRING 1966) MERRITT COLLEGE ENTERING FRESHMEN WHOSE LOW TEST SCORES INDICATED PROBABLE LACK OF SUCCESS IN COLLEGE WORK WERE OFFERED BLOCK PROGRAMS OF CLASSES DESIGNED TO HELP THEM GAIN INSIGHT AND PERSPECTIVE REGARDING THEIR SELF IMAGE, THEIR VALUES, AND THEIR INTERPERSONAL RELATIONSHIPS. IN FALL 1965, STUDENTS REGISTERED IN THE PROGRAM EARNED HIGHER MEAN GRADES THAN THOSE IN A CONTROL GROUP, AND THEIR PERSISTENCE INTO THE NEXT SEMESTER WAS GREATER. WHILE CONTROL GROUPS WERE NOT USED FOR COMPARISON WITH THE OTHER BLOCK PROGRAM STUDENTS, THEIR RECORDS SHOWED CONSIDERABLE PROGRESS, AND A COUNSELOR'S EVALUATION INDICATED THAT THESE STUDENTS, WHO HAD BEEN READY TO DROP OUT

OF SCHOOL, HAD BECOME MORE REALISTICALLY GOALORIENTED, HAD GOOD MORALE, AND FELT THAT THE PROGRAM WAS VALUABLE TO THEM. (WO)

ED 020 727 JC 680 231

MARTIN, WALTER TRAVIS, JR.

FUNDAMENTALS LEARNING LABORATORIES IN INDUSTRIAL EDUCATION CENTERS, TECHNICAL INSTITUTES AND COMMUNITY COLLEGES IN NORTH CAROLINA.

DUKE UNIV., DURHAM, N.C., DEPT. OF EDUCATION

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *JUNIOR COLLEGES, ADULT BASIC EDUCATION, ADULT EDUCATION, ADULT PROGRAMS, EDUCATIONALLY DISADVANTAGED, LEARNING LABORATORIES, NORTH CAROLINA, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, PROGRAMED TEXTS,

IN 1964, NORTH CAROLINA ESTABLISHED A SYSTEM OF "FUNDAMENTALS LEARNING LABORATORIES" WHERE ADULTS MIGHT OBTAIN PROGRAMED SELF-INSTRUCTION AT MINIMAL COST (A $2.00 REGISTRATION FEE). IN A DESCRIPTIVE STUDY OF THE 17 LABORATORIES OPERATING IN 1965, DATA WERE GATHERED BY QUESTIONNAIRES AND INTERVIEWS. FINDINGS INCLUDED THE FOLLOWING--

(1) LABORATORIES HAD NOT BEEN ESTABLISHED IN ALL AREAS OF THE STATE, (2) LABORATORIES TENDED TO BE SIMPLE, CONTAINING ONLY THE ESSENTIAL EQUIPMENT AND FURNISHINGS, (3) THE ORGANIZATIONAL STRUCTURE OF THE LABORATORIES VARIED, (4) WRITTEN STATEMENTS OF PHILOSOPHY AND OBJECTIVES WERE NOT COMMON, (5) STUDENTS' FORMAL EDUCATION RANGED FROM NONE TO ADVANCED DEGREE LEVEL, (6) MOST STUDENTS WERE WORKING FOR HIGH SCHOOL DIPLOMAS OR EQUIVALANCY CERTIFICATES, (7) APPROXIMATELY ONE-HALF OF THE STUDENTS EARNED LESS THAN $3,000 PER YEAR, WITH FEWER THAN 10 PERCENT RECEIVING OVER $5,000, AND (8) MOST STUDENTS FELT THAT THEY COULD LEARN MORE EFFECTIVELY IN THE LABORATORY THAN IN THE TRADITIONAL CLASSROOM. THE AUTHOR'S RECOMMENDATION INCLUDED EVALUATION OF THE SUCCESS OF THE LABORATORIES. THIS ED.D. DISSERTATION IS AVAILABLE AS DOCUMENT NO. 66-12,743, FOR $3.00 (MICROFILM) OR $9.25 (XEROGRAPHIC COPY) FROM UNIVERSITY MICROFILMS, INC., P.O. BOX 1346, ANN ARBOR, MICHIGAN 48106. (WO)

ED 020 728 JC 680 232

SPECTOR, IRWIN L. FROST, RONALD A.

A COMPARISON OF A.C.T. SCORES OF TECHNOLOGY STUDENTS OF GLENDALE COMMUNITY COLLEGE WITH THE COLLEGE POPULATION IN GENERAL.

REPORT NUMBER GCC-DSR-G-O-66-3

PUB DATE MAY 67

EDRS PRICE MF-$0.25 HC-$0.36 7P.

DESCRIPTORS— *ACADEMIC ABILITY, *COLLEGE ENTRANCE EXAMINATIONS, *JUNIOR COLLEGES, *TECHNICAL EDUCATION, *TERMINAL STUDENTS, ACT, ARIZONA, COLLEGE STUDENTS, GLENDALE COMMUNITY COLLEGE, STUDENT ABILITY, STUDENT CHARACTERISTICS, STUDENT TESTING, TEST RESULTS,

IN 1966-67, AMERICAN COLLEGE TESTING PROGRAM SCORES EARNED BY 67 GLENDALE COLLEGE (ARIZONA) TECHNICAL STUDENTS WERE COMPARED WITH SCORES OF THE COLLEGE'S POPULATION AS A WHOLE, NUMBERING 693 STUDENTS. THE SCORES OF TECHNOLOGY STUDENTS TENDED TO BE LOWER IN ENGLISH AND SOCIAL SCIENCE, ABOUT THE SAME AS THOSE OF THE GENERAL POPULATION IN NATURAL SCIENCE, AND HIGHER IN MATHEMATICS. THE LOW SOCIAL SCIENCE AND ENGLISH SCORES SUGGESTED THAT THE TECHNICAL STUDENTS HAD A GENERAL BASIC DEFICIENCY IN LANGUAGE DEVELOPMENT. TECHNICAL STUDENTS APPEARED TO NEED SPECIAL HELP IN ENGLISH OR A PROGRAM DESIGNED ESPECIALLY TO AID THEM IN MEETING THE ENGLISH REQUIREMENTS FOR THE AA DEGREE. THE RANGE OF MATHEMATICS SCORES SUGGESTED THAT SOME TECHNICAL STUDENTS NEEDED REMEDIAL ASSISTANCE IN THIS AREA. (WO)

ED 020 729 JC 680 233

DOBROVOLNY, JERRY S.

CIVIL ENGINEERING TECHNOLOGY CONSULTANTS' WORKSHOP, REPORT OF PROCEEDINGS (ATLANTA, MAY 17-20, 1967).

AMERICAN ASSN. OF JUNIOR COLLEGES, WASHINGTON,D.C.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$1.40 33P.

DESCRIPTORS— *CIVIL ENGINEERING, *ENGINEERING TECHNICIANS, *JUNIOR COLLEGES, *SUBPROFESSIONALS, *TECHNICAL EDUCATION, ENGINEERS, MANPOWER NEEDS, TECHNICAL OCCUPATIONS, VOCATIONAL EDUCATION,

THIS REPORT ATTEMPTS TO SHOW ADMINISTRATORS OF JUNIOR COLLEGES, TECHNICAL INSTITUTES, AND GOVERNMENT OR INDUSTRIAL TRAINING PROGRAMS CERTAIN CRITICAL PROBLEMS IN THE TRAINING OF CIVIL ENGINEERING TECHNICIANS. THE PHILOSOPHY OF TECHNICAL EDUCATION REQUIRES ATTENTION AS DOES THE IDENTIFICATION OF STUDENTS WHO CAN BENEFIT FROM AND SUCCESSFULLY COMPLETE THE PROGRAM. THE PROFESSIONAL ORGANIZATIONS RESPONSIBLE FOR MAINTAINING HIGH PERFORMANCE STANDARDS CAN ASSIST INDUSTRY AND GOVERNMENT IN DETERMINING HOW THEY CAN BEST EMPLOY THE GRADUATES OF 2-YEAR ASSOCIATE DEGREE PROGRAMS. BEFORE A JUNIOR COLLEGE IS ORGANIZED, A QUALIFIED CONSULTANT CAN BE A GREAT HELP IN IMPLEMENTING A PROGRAM IN CIVIL ENGINEERING OR IN ANY RELATED ENGINEERING TECHNOLOGY. AN OUTLINE OF THE CONTENT AND SEQUENCE OF A SAMPLE COURSE IS GIVEN. TABLES ALSO SHOW SALARY SCALES AND PREDICTED MANPOWER NEEDS FOR CIVIL ENGINEERS AND TECHNICIANS. THIS DOCUMENT IS ALSO AVAILABLE FOR $1.50 FROM AMERICAN ASSOCIATION OF JUNIOR COLLEGES, 1315 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (HH)

ED 020 730 JC 680 234

YOUNG, ELMA L. CLARK

LIBRARY TECHNICIAN PROGRAMS IN JUNIOR COLLEGES--COURSES OFFERED IN 1966-67 CATALOGS.

CALIFORNIA ASSN. OF SCHOOL LIBRARIANS, LOS ANGELES

PUB DATE 03 MAR 67

EDRS PRICE MF-$0.25 HC-$1.56 37P.

DESCRIPTORS— *JUNIOR COLLEGES, *LIBRARY EDUCATION, *LIBRARY SCIENCE, *TECHNICAL EDUCATION, CALIFORNIA, COLLEGE CURRICULUM, COURSE DESCRIPTIONS, COURSE ORGANIZATION, CURRICULUM DESIGN, LIBRARY SKILLS, LIBRARY TECHNICAL PROCESSES, SUBPROFESSIONALS,

IN 1966-67, LIBRARY TECHNICIAN TRAINING PROGRAMS OF SIX UNITS OR MORE WERE OFFERED AT 17 CALIFORNIA JUNIOR COLLEGES. AT 15 COLLEGES INSTRUCTION IN LIBRARY USAGE WAS OFFERED WITHOUT A VOCATIONAL EMPHASIS. COURSE DESCRIPTIONS AND CURRICULUM PATTERNS WERE REPRODUCED FROM THE CATALOGS OF ALL COLLEGES OFFERING LIBRARY PROGRAMS. CONTENT AND ORGANIZATION VARIED AMONG THE COLLEGES, WITH FOUR COMMON EMPHASES--FUNDAMENTALS, PUBLIC SERVICES, TECHNICAL PROCESSES, AND REFERENCE. ASSOCIATE DEGREE PROGRAMS IN LIBRARY TECHNOLOGY WERE OFTEN CLOSELY RELATED TO CERTAIN BUSINESS EDUCATION PROGRAMS. PROGRAM AND COURSE DESCRIPTIONS INDICATED (1) SOME CONFUSION IN SCOPE AND IN RALATIONSHIP BETWEEN PROFESSIONAL AND TECHNICAL PROGRAMS, (2) LACK OF NEEDED SCREENING OF STUDENTS, (3) INADEQUACY OF LABORATORY PRACTICE, (4) LACK OF TEACHER TIME, (5) NEED FOR STATE SUPERVISION AND COORDINATION, AND (6) A NEED FOR LOCAL ADVISORY COMMITTEES. AN APPENDED STATEMENT FROM LIBRARY EDUCATION DIVISION OF THE AMERICAN LIBRARY ASSOCIATION OPPOSES THE ESTABLISHMENT OF LIBRARY TECHNICIAN PROGRAMS IN JUNIOR COLLEGES. (WO)

ED 020 731 JC 680 235

PINE, WILLIAM C. AND OTHERS

REPORT OF STUDY COMMITTEE I-C, AREA POSTSECONDARY INSTITUTIONS-- COMMUNITY COLLEGES.

CITIZENS COMMITTEE ON HIGHER EDUC.,KALAMAZOO,MICH.

PUB DATE 12 MAR 65

EDRS PRICE MF-$0.25 HC-$1.20 28P.

DESCRIPTORS— *CAMPUS PLANNING, *COLLEGE PLANNING, *COLLEGE ROLE, *JUNIOR COLLEGES, *PLANNING COMMISSIONS, ADVISORY COMMITTEES, COLLEGE FACULTY, COLLEGE GRADUATES, COLLEGE PROGRAMS, COMMUNITY COLLEGES, EDUCATIONAL COMPLEXES, EDUCATIONAL COORDINATION, EDUCATIONAL FACILITIES, POST SECONDARY EDUCATION, TECHNICAL INSTITUTES, VOCATIONAL EDUCATION,

A STUDY OF POSTSECONDARY EDUCATION NEEDS IN MICHIGAN RESULTED IN THE RECOMMENDATION THAT A STATEWIDE SYSTEM OF COMMUNITY COLLEGES BE DEVELOPED TO AUGMENT THE THEN-EXISTING 18 INDEPENDENT COMMUNITY COLLEGES WITHIN THE STATE. ADVOCATING THAT THE STATE BOARD OF EDUCATION STUDY THE NEEDS AND READINESS OF AREAS WITHIN THE STATE FOR THE LOCATION OF COMMUNITY COLLEGES, THE COMMITTEE RECOMMENDED THAT 29 COMMUNITY COLLEGE DISTRICTS (SOME OF WHICH WOULD BE MULTICOUNTY OR MULTICOLLEGE IN NATURE) BE PRESCRIBED FOR THE STATE. OVERALL PLANNING AND COORDINATION BY THE STATE BOARD SHOULD INCLUDE (1) THE COORDINATION OF EDUCATIONAL PROGRAMS AMONG INSTITUTIONS RANGING FROM HIGH SCHOOLS TO 4-YEAR COLLEGES AND UNIVERSITIES, (2) THE COORDINATION OF CAMPUSES AND TYPES OF INSTITUTIONS THROUGHOUT THE STATE INCLUDING THE DETERMINATION OF COMMUNITY COLLEGE DISTRICT BOUNDARY LINES AND THE LOCATION OF COMMUNITY COLLEGES, AND (3) THE REVIEW OF BUDGETS AND REQUESTS FOR STATE APPROPRIATIONS. NEEDS WERE CITED FOR A DIFFERENTIATION IN THE PLANNING AND COORDINATING ACTIVITIES OF THE STATE BOARD AND THE COMMUNITY COLLEGE GOVERNING BOARDS, FOR MORE ACCURATE AND CURRENT DATA ABOUT OCCUPATIONAL NEEDS OF THE STATE AND NATION, FOR FOLLOWUP STUDIES OF GRADUATES, FOR RECRUITING STAFF, AND FOR OBTAINING GREATER FINANCIAL RESOURCES. INCLUDED IN THE REPORT ARE DESCRIPTIONS OF PROPOSED COMMUNITY COLLEGE CENTERS AND DISTRICTS FOR MICHIGAN (WITH ACCOMPANYING MAPS AND CHARTS). (DG)

ED 020 732 JC 680 236

ASSOCIATE IN ARTS DEGREE PROGRAM FOR ADULTS.

NEW YORK UNIV., N.Y., SCH. OF CONTINUING EDUCATION

EDRS PRICE MF-$0.25 HC-$1.36 32P.

DESCRIPTORS— *ADULT EDUCATION, *ASSOCIATE DEGREES, *COLLEGE CURRICULUM, *CONTINUING EDUCATION CENTERS, *JUNIOR COLLEGES, HIGHER EDUCATION, SEMINARS,

THIS BROCHURE FOR THE 1968-69 ACADEMIC YEAR DESCRIBES THE CURRICULUM, HISTORY, AND PURPOSE OF THE SCHOOL OF CONTINUING EDUCATION, DESIGNED SPECIFICALLY FOR THE WORKING ADULT. IT GIVES DETAILS OF EACH COURSE IN THE 4-YEAR PROGRAM--(1) HUMANITIES, (2) SOCIAL SCIENCES, (3) NATURAL SCIENCES AND MATHEMATICS, AND (4) INTERDISCIPLINARY SEMINARS, LEADING TO THE ASSOCIATE IN ARTS DEGREE. THE PROGRAM IS NOT ONLY COMPREHENSIVE AND COMPLETE IN ITSELF, BUT CAN ALSO BE EVAL-

UATED FOR TRANSFER TO A BACCALAUREATE PROGRAM IN THE LIBERAL ARTS. THE PROGRAM CARRIES 64 COLLEGE CREDITS AND CALLS FOR REGULAR ATTENDANCE TWO EVENINGS A WEEK, TWO CLASSES A NIGHT. IT ALSO PROVIDES FOR THREE FRIDAY COLLOQUIA PER SEMESTER AND A RECOMMENDED WEEKEND IN RESIDENCE AT THE END OF EACH TERM. INCLUDED IN THE BOOKLIST ARE THE FOLLOWING--A LIST OF THE CURRENT FACULTY MEMBERS, A READING LIST FOR EACH SEMESTER AND FOR THE SUMMERS, EXAMPLES OF ASSIGNMENTS, SAMPLE TOPICS OF THE FRIDAY EVENING COLLOQUIA, A DESCRIPTION OF A TYPICAL RESIDENTIAL WEEKEND, ADMISSION REQUIREMENTS, AND A FEE (AND FINANCIAL AID) SCHEDULE. (HH)

ED 020 733 JC 680 238

SAMSEL, RUTH L.

TALENT SEARCH PROJECT. FINAL REPORT.

MIDDLESEX COUNTY COLL., EDISON, NJ.

PUB DATE JAN 68

EDRS PRICE MF-$0.75 HC-$6.56 162P.

DESCRIPTORS-- *COMMUNITY SERVICE PROGRAMS, *EDUCATIONAL FINANCE, *EDUCATIONAL PROGRAMS, *JUNIOR COLLEGES, *OCCUPATIONAL SURVEYS, BUSINESS EDUCATION, COMMUNITY CHARACTERISTICS, COMMUNITY COLLEGES, COMMUNITY ORGANIZATIONS, CURRICULUM DEVELOPMENT, INDUSTRIAL EDUCATION, INDUSTRIAL TRAINING, POST SECONDARY EDUCATION, TECHNICAL EDUCATION,

DURING A 19-MONTH SPAN OF TIME, MIDDLESEX COUNTY COLLEGE (NEW JERSEY) ATTEMPTED TO (1) IDENTIFY QUALIFIED YOUTH WITH EXCEPTIONAL FINANCIAL NEED AND ENCOURAGE THEM TO COMPLETE SECONDARY SCHOOL AND UNDERTAKE POST-SECONDARY EDUCATIONAL TRAINING WITHIN A COMMUNITY COLLEGE, (2) PUBLICLY EXHIBIT FORMS OF FINANCIAL AID FURNISHED THROUGH FEDERAL, STATE, AND LOCAL AGENCIES, (3) UNDERSTAND THE NATURE OF FUTURE JOBS IN THE LOCAL COMMUNITIES, AND (4) PROVIDE COUNTY YOUTH AND ADULT ORGANIZATIONS WITH AUDIOVISUAL MATERIALS WHICH WOULD HELP THEM UNDERSTAND EDUCATIONAL PROGRAMS, COSTS, REQUIREMENTS, AND OPPORTUNITIES. IN IMPLEMENTING THE PROGRAM, LOCAL BUSINESSES, INDUSTRIES, AND MEDICAL INSTITUTIONS WERE CONTACTED FOR THE PURPOSE OF CREATING INTEREST AMONG THE PERSONNEL DIRECTORS IN THE PROJECT. THROUGH HIGH SCHOOL VISITATIONS, COMMUNITY ORGANIZATION CONTACTS, AND COVERAGE BY THE NEWS MEDIA, AN ESTIMATED 13,500 CITIZENS (IN A POPULATION OF 500,000) WERE INFORMED ABOUT THE PROJECT ACTIVITIES. COUNSELOR VISITATIONS TO SCHOOLS AND PLANNED CAMPUS VISITATIONS FOR INTERESTED INDUSTRIAL PERSONNEL, COMMUNITY ORGANIZATIONS, STUDENTS, AND PARENTS CONSTITUTED THE THIRD PHASE OF THE PROJECT. THE FINAL PHASE WAS THE PREPARATION OF SIX SYNCHRONIZED SLIDE-TAPE "CAREER PRESENTATIONS" DEPICTING REQUIREMENTS, CURRICULUMS, AND FINANCIAL AID OPPORTUNITIES IN THE FIELDS OF CHEMICAL TECHNOLOGY, ELECTRICAL TECHNOLOGY, LABORATORY TECHNOLOGY, BUSINESS EDUCATION, SECRETARIAL SCIENCE, AND NURSE EDUCATION. (DG)

ED 020 734 JC 680 240

COHEN, IRVING

CORRELATIONS BETWEEN HIGH SCHOOL AVERAGES AND SAT SCORES AND FINAL SCHOLASTIC INDEXES--BMCC GRADUATES, JUNE 1966 THROUGH AUGUST 1967.

CITY UNIV. OF NEW YORK,BOR. OF MANHATTAN COMM.COLL.

PUB DATE 28 MAR 68

EDRS PRICE MF-$0.25 HC-$1.20 28P.

DESCRIPTORS-- *ACADEMIC ACHIEVEMENT, *COLLEGE STUDENTS, *JUNIOR COLLEGES, *TEST RESULTS, ACHIEVEMENT RATING, COLLEGE ENTRANCE EXAMINATIONS, COMPARATIVE ANALYSIS, CORRELATION, NEW YORK CITY, SCHOLASTIC APTITUDE TEST, STATISTICAL ANALYSIS, STUDENT CHARACTERISTICS,

THIS STUDY OF 487 GRADUATES (JUNE 1966 TO AUGUST 1967) FOCUSES ON THE DEGREE OF ASSOCIATION BETWEEN THE GRADUATES' PERFORMANCE IN HIGH SCHOOL (MEASURED BY GPA AND SAT SCORES) AND THEIR ACADEMIC SUCCESS AT BOROUGH OF MANHATTAN COMMUNITY COLLEGE (MEASURED BY CUMULATIVE INDEX AT GRADUATION). MAJOR FINDINGS INCLUDE (1) WEAK ASSOCIATION BETWEEN HIGH SCHOOL AVERAGES OR SCHOLASTIC APTITUDE TEST SCORES AND BMCC ACHIEVEMENT, (2) A WIDE SPREAD OF SCHOLASTIC ACHIEVEMENT AMONG ALL GRADUATES, (3) SIGNIFICANT DIFFERENCES AMONG VARIOUS CLASSES AND BETWEEN MALES AND FEMALES, (4) SOME CONFORMITY TO EXPECTED SCHOLASTIC PATTERNS AMONG VARIOUS GRADUATING CLASSES, (5) FOR THE WOMEN, A CLOSER CONFORMITY TO EXPECTED PATTERNS, (6) THE HIGHEST DEGREE OF ASSOCIATION FOR LIBERAL ARTS AND SECRETARIAL STUDENTS (ALL WOMEN), (7) A LESSER DEGREE OF ASSOCIATION FOR BUSINESS STUDENTS, (8) ABOUT THREE OUT OF TEN GRADUATES WITH A HIGH SCHOOL AVERAGE OF LESS THAN 75 PERCENT, (9) A MAXIMUM HIGH SCHOOL GPA OF 87 PERCENT FOR MEN AND OF 95 PERCENT FOR WOMEN, AND (10) AN AVERAGE INDEX OF THE GRADUATES OF 2.54, WITH CONCENTRATION IN THE LOWER GROUPINGS. (HH)

ED 020 735 JC 680 241

MOYEL, I.S.

STUDENT IDENTIFICATION WITH COLUMBUS COLLEGE--A PILOT STUDY.

COLUMBUS COLL., GA., OFFICE OF INSTITUTIONAL RES.

REPORT NUMBER CC-RB-OIR-1-67

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$0.36 7P.

DESCRIPTORS-- *COLLEGE STUDENTS, *JUNIOR COLLEGES, *STUDENT ATTITUDES, *STUDENT COLLEGE RELATIONSHIP, COLUMBUS, GEORGIA, PSYCHOLOGICAL NEEDS, PSYCHOLOGICAL STUDIES, STUDENT OPINION,

A SPECIALLY CONSTRUCTED 21-ITEM SENTENCE COMPLETION INSTRUMENT WAS ADMINISTERED TO 20 STUDENTS IN A "FOUNDATIONS OF EDUCATION" COURSE AT COLUMBUS COLLEGE, GEORGIA, AS A PILOT ATTEMPT TO OBTAIN A MEASURE OF STUDENT IDENTIFICATION WITH THE COLLEGE. SCORING CONSISTED OF RATING EACH COMPLETION AS A POSITIVE, NEUTRAL, OR NEGATIVE ATTITUDINAL EXPRESSION. RESPONSES INDICATED A POSITIVE CONSENSUS TOWARD ACADEMIC ASPECTS OF THE COLLEGE, TEACHING ABILITY OF THE FACULTY, AND STUDENT OPPORTUNITIES FOR EXPRESSION BY MEANS OF THE STUDENT GOVERNMENT ASSOCIATION. STUDENTS APPEARED TO REGARD THEIR PURSUIT OF HIGHER EDUCATION AS HAMPERED BY LIMITED STUDENT ACTIVITIES, HELP IN MAKING THE TRANSITION FROM HIGH SCHOOL TO COLLEGE, AND DEVELOPMENT OF NEEDED SOCIAL COMPETENCIES.(AUTHOR/WO)

ED 020 736 JC 680 244

RYSKA, JOHN W.

A SURVEY OF EVENING COLLEGE COUNSELING SERVICES IN CALIFORNIA JUNIOR COLLEGES.

FRESNO CITY COLL., CALIF.

PUB DATE JAN 68

EDRS PRICE MF-$0.25 HC-$0.68 15P.

DESCRIPTORS-- *EVENING COLLEGES, *EVENING COUNSELING PROGRAMS, *EVENING STUDENTS, *JUNIOR COLLEGES, *STUDENT PERSONNEL SERVICES, CALIFORNIA, COUNSELING, COUNSELOR CHARACTERISTICS, STUDENT RECORDS, STUDENT TESTING,

A SURVEY OF EVENING COLLEGE COUNSELING SERVICES IN CALIFORNIA NETTED RESPONSES FROM 59 OF THE STATE'S 73 JUNIOR COLLEGES. MAJOR EMPHASIS WAS PLACED ON PROBLEMS RELATED TO (1) THE COLLEGE PROGRAM AND FACILITIES, (2) STUDENTS, AND (3) COUNSELORS. PROBLEMS CITED BY RESPONDENTS INCLUDED INADEQUATE OPPORTUNITIES FOR COUNSELING AND LACK OF ADEQUATE RECORDS AND BACKGROUND INFORMATION ON STUDENTS. MOST OF THE STUDENTS WERE HIGHLY VOCATION ORIENTED WITH GREATER FAMILY, JOB, AND FINANCIAL PRESSURES THAN THOSE EXPERIENCED BY DAY STUDENTS. BECAUSE STUDENT BACKGROUNDS RANGED FROM NON-HIGH SCHOOL GRADUATION TO GRADUATE DEGREES, THE COUNSELOR NEEDED TO HAVE GREAT BREADTH AND DEPTH IN KNOWLEDGE OF EDUCATIONAL AND VOCATIONAL INFORMATION AND OF RESOURCE MATERIALS. THE FOLLOWING PROGRAM CHARACTERISTICS WERE IDENTIFIED--(1) 40.5 PERCENT OF THE INSTITUTIONS SERVED MEDIUM CITY-SUBURBAN AREAS, (2) 35.5 PERCENT HAD EVENING ENROLLMENTS GREATER THAN DAY ENROLLMENTS, (3) 95 PERCENT PERMITTED THEIR COUNSELORS TO TEACH EVENING CLASSES, (4) 97 PERCENT MADE COUNSELING AVAILABLE FOR EVENING STUDENTS, (5) 67 PERCENT PAID THEIR COUNSELORS ON AN HOURLY BASIS, WITH A MEAN SALARY OF $7.75, AND (6) 46 PERCENT MADE INDIVIDUAL TESTING SERVICES AVAILABLE FOR EVENING STUDENTS. MORE THAN HALF OF THE DOCUMENT CONSISTS OF SAMPLE COMMENTS RELATED TO THE ABOVE AREAS. (DG)

ED 020 737 JC 680 245

SCHEIDT, OMAR HENRY

A STUDY OF THE EXPENSE OF STUDENT PERSONNEL SERVICES IN SELECTED CALIFORNIA PUBLIC JUNIOR COLLEGES.

CALIFORNIA UNIV., LOS ANGELES

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS-- *COSTS, *EXPENDITURES, *JUNIOR COLLEGES, *STUDENT PERSONNEL SERVICES, *UNIT COSTS, BUDGETS, CALIFORNIA, DOCTORAL THESES, SCHOOL SERVICES, STUDENT COSTS,

THIS STUDY OF THREE CALIFORNIA PUBLIC JUNIOR COLLEGES, WITH 1,500 TO 4,500 STUDENTS, IDENTIFIED THE PER STUDENT COST OF EACH OF 86 STUDENT PERSONNEL SERVICES, DETERMINED THE TOTAL COST OF SUCH SERVICES, AND DEVELOPED A PROCEDURE FOR DETERMINING THE COSTS. GATHERED BY INTERVIEWS AND STUDY OF RECORDS, DATA WERE COMPILED AND ANALYZED BY FOUR 1620 FORTRAN PROGRAMS. STUDENT PERSONNEL SERVICES AT EACH COLLEGE REQUIRED ABOUT 10 PERCENT OF THE OPERATIONAL BUDGET, THOUGH THE PER STUDENT COSTS RANGED FROM $56 TO $66. COUNSELING SERVICES USED APPROXIMATELY ONE-THIRD OF THE STUDENT-DIRECTED ACTIVITIES. THE REPORT PROVIDES GUIDELINES FOR USE IN SIMILAR RESEARCH, AND THE PROCEDURES ARE FLEXIBLE ENOUGH FOR USE IN OTHER COLLEGES. IT RELATES FINANCIAL INPUT TO STUDENT SERVICE AND UTILITY, TO DETERMINE WHETHER CHANGES SHOULD BE MADE IN HUMAN AND/OR FINANCIAL RESOURCES. THIS ED.D. DISSERTATION IS AVAILABLE AS DOCUMENT NO. 66-11,919 FOR $3.65 (MICROFILM) OR $12.85 (XEROGRAPHIC COPY) FROM UNIVERSITY MICROFILMS, INC., P.O. BOX 1346, ANN ARBOR, MICHIGAN 48106. (HH)

ED 020 738 JC 680 246

ALLEN, DAVID AND OTHERS

TECHNICAL EDUCATION IN THE JUNIOR COLLEGE, EDUCATION 261E SEMINAR-- A STUDY OF TECHNICAL EDUCATION IN THE NORTH ORANGE COUNTY JUNIOR COLLEGE DISTRICT.

CALIFORNIA UNIV., LOS ANGELES

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$2.64 64P.

DESCRIPTORS-- *COLLEGE PLANNING, *JUNIOR COLLEGES, *MULTICAMPUS DISTRICTS, *TEACHING LOAD, *TECHNICAL EDUCATION, ADVISORY COMMITTEES, CALIFORNIA, EDUCATIONAL PLANNING, FULLERTON, OCCUPATIONS, PROGRAM PLANNING, VOCATIONAL SCHOOLS,

THIS REPORT OF A STUDY OF A 3-CAMPUS, DISTRICT-WIDE PROGRAM, WHERE EACH CAMPUS MEETS ITS LOCAL NEEDS BUT BENEFITS FROM ECONOMICAL CENTRAL PURCHASING AND SERVICING, MAKES SEVERAL RECOMMENDATIONS. ONE DUTY OF THE DISTRICT DIRECTOR MUST BE TO COORDINATE COURSES AMONG THE CAMPUSES, WITH ADULT EDUCATION, AND WITH INDUSTRY. THE NECESSARY ADVISORY COMMITTEES MUST BE CHOSEN ACCORDING TO TYPE, SIZE, AND LOCATION OF INDUSTRY. SPECIAL PERSONNEL SHOULD DO THE PROPOSALS FOR AND REPORTS ON FEDERAL AND OTHER GRANTS. THE DISTRICT DIRECTOR SHOULD PROMOTE AND DIRECT SUCH SPECIAL PROGRAMS AS FEDERAL TRAINING FOR THE DISADVANTAGED. THE COLLEGE MUST BE RESPONSIBLE FOR EFFECTIVE ARTICULATION WITH THE HIGH SCHOOLS AND ALSO FOR PROVIDING ENRICHMENT COURSES AND PLACEMENT SERVICE. A BALANCE MUST BE FOUND THAT WILL AVOID NOT ONLY DUPLICATE COURSES WITH COSTLY EQUIPMENT, BUT ALSO THE GROWTH OF SPECIALTY CAMPUSES. THE 4-QUARTER SYSTEM WILL HAVE DISTINCT ADVANTAGES FOR TECHNICAL PROGRAMS. THE TEACHING STAFF MUST BE RECRUITED FROM ALL POSSIBLE SOURCES, WELL PAID, AND CAREFULLY EVALUATED. TEACHER WORKLOADS MUST BE COMPLETELY RESTUDIED TO DETERMINE EQUITABLE HOURS AND SALARIES, AND UNAVOIDABLE OVERLOADS MUST BE COMPENSATED FOR. PROVISION MUST BE MADE FOR INSTRUCTORS TO KEEP UP TO DATE IN THEIR TRADE AND INDUSTRY. THESE FINDINGS MAY SERVE AS GUIDELINES FOR THE ESTABLISHMENT OF OTHER MULTI-CAMPUS TECHNICAL EDUCATION PROGRAMS. (HH)

ED 020 739 JC 680 248

FOLLOW UP STUDY OF CAREER-ORIENTED CURRICULUMS 1968--PHASE I, JOB ENTRY OR TRANSFER.

SUFFOLK COUNTY COMMUNITY COLL., SELDEN, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$0.88 20P.

DESCRIPTORS— *FOLLOWUP STUDIES, *JUNIOR COLLEGES, *SUBPROFESSIONALS, *VOCATIONAL EDUCATION, *VOCATIONAL FOLLOWUP, GRADUATE SURVEYS, GRADUATES, OCCUPATIONS, QUESTIONNAIRES, TECHNICAL EDUCATION,

PHASE ONE OF THIS STUDY IS A FOLLOWUP, BEGINNING MARCH 1968, OF GRADUATES OF OCCUPATIONAL CURRICULUMS. OF THE 429 GRADUATES QUESTIONED, 211 (49.18 PERCENT) REPLIED. INFORMATION WAS SOUGHT ON THE JOBS THEY TOOK, THE SALARY RANGES, THE KIND OF FIRMS HIRING THEM, HOW MANY WENT ON TO 4-YEAR SCHOOLS, WHICH SCHOOLS THEY WENT TO, AND WHETHER ON A FULL- OR PART-TIME BASIS. THE QUESTIONNAIRE ALSO ASKED THE STUDENTS IF THEY HAD ACQUIRED AT THE COLLEGE THE NECESSARY SKILLS FOR THEIR CAREERS AND IF THEY HAD SUGGESTIONS FOR IMPROVING THE CURRICULUM. GRADUATES OF THE FOLLOWING NINE CURRICULUMS WERE REPRESENTED--(1) ACCOUNTING, (2) BUSINESS ADMINISTRATION, (3) ELECTRICAL TECHNOLOGY, (4) ENGINEERING SCIENCE, (5) MARINE TECHNOLOGY, (6) MECHANICAL TECHNOLOGY, (7) NURSING, (8) RETAIL BUSINESS MANAGEMENT, AND (9) SECRETARIAL SCIENCE. A COPY OF THE QUESTIONNAIRE IS INCLUDED. PHASE TWO OF THE STUDY WILL BE DIRECTED TO EMPLOYERS. THEIR REPLIES WILL HELP TO DETERMINE THE BEST LEVEL OF SPECIALIZATION IN A COURSE, THE RIGHT BALANCE BETWEEN SKILL AND THEORY, AND THE CORRECT PROPORTION OF GENERAL AND TECHNICAL EDUCATION. (HH)

ED 020 740 JC 680 249

PEARCE, FRANK C.

A STUDY OF THE BUSINESS AND INDUSTRIAL MANAGEMENT PROGRAMS AT COLLEGE OF SAN MATEO.

SAN MATEO COLL., CALIF.

REPORT NUMBER CSM-RR-1968-3

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$1.24 29P.

DESCRIPTORS— *BUSINESS EDUCATION, *JUNIOR COLLEGES, *MANAGEMENT EDUCATION, *PROGRAM EVALUATION, *STUDENT OPINION, CALIFORNIA, INDUSTRIAL EDUCATION, MANAGERIAL OCCUPATIONS, SAN MATEO, STUDENT ATTITUDES,

THIS SURVEY CORRELATES GOALS, CERTAIN CHARACTERISTICS, AND JOB STATUS OF STUDENTS IN THE COLLEGE'S BUSINESS MANAGEMENT AND INDUSTRIAL MANAGEMENT PROGRAMS IN AN EFFORT TO LEARN FROM THE STUDENTS IF THE CURRICULUMS MEET THEIR NEEDS. THE QUESTIONNAIRE WAS COMPLETED BY 746 (67 PERCENT) OF THE STUDENTS IN THE TWO MANAGEMENT PROGRAMS. THE PRINCIPAL CONCLUSIONS WERE (1) MORE THAN HALF THE STUDENTS WERE SEEKING A CERTIFICATE OF COMPLETION, (2) AS THE LEVEL OF EDUCATION DECREASED OR THE AGE INCREASED, THE PROBABILITY OF WORKING TOWARD A CERTIFICATE INCREASED, (3) THE PROGRAMS WERE MOST ATTRACTIVE TO EMPLOYEES OF LARGE FIRMS, (4) MOST STUDENTS WERE IN NONSUPERVISORY POSITIONS AND HAD HELD THEIR JOBS FOR ABOUT FOUR YEARS, (5) ALTHOUGH MOST STUDENTS FELT THE PROGRAMS WERE OF AT LEAST SOME HELP, THERE WAS NO GENERAL AGREEMENT ON HOW TO IMPROVE THEM, (6) GREATER SCOPE AND DEPTH IN THE COURSES AND IMPROVED INSTRUCTION APPEARED TO BE NEEDED, (7) THE UNEMPLOYED AND YOUNGER STUDENTS HELD THE PROGRAMS IN LOWER REGARD THAN DID THOSE WORKING FOR ADVANCEMENT, (8) THE MOST POPULAR TEACHING METHODS WERE LECTURE, CLASS DISCUSSION, GUEST SPEAKERS, CASE STUDIES, AND SMALL-GROUP DISCUSSIONS, AND (9) THOSE WHO REGARDED THE PROGRAM MOST HIGHLY PREFERRED TEACHING METHODS WITH A MAXIMUM OF STUDENT INVOLVEMENT. (HH)

ED 020 741 JC 680 250

ANDERSON, RICHARD T.

PLANNING FOR THE FUTURE--FORECASTING IMPLICATIONS DUE TO TECHNOLOGICAL CHANGE.

PUB DATE JAN 68

EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS— *COMPUTERS, *DATA ANALYSIS, *ELECTRONIC DATA PROCESSING, *ELECTRONIC EQUIPMENT, CURRICULUM DEVELOPMENT, DATA PROCESSING, EDUCATIONAL METHODS, INFORMATION PROCESSING, TECHNOLOGICAL ADVANCEMENT,

TECHNOLOGICAL FORECASTING (PROJECTING FUTURE TECHNOLOGICAL POSSIBILITIES AND PROBABILITIES IN RELATION TO CURRENT KNOWLEDGE AND RESEARCH AND IN RELATION TO POTENTIAL INTERACTIONS WITH SOCIETY, WITH THE ECONOMY, AND WITH THE NATURAL ENVIRONMENT) BY MEANS OF COMPUTER UTILIZATION HAS IMPLICATIONS FOR THE DEVELOPMENT OF NEW METHODOLOGY AND CURRICULUMS IN EDUCATION. DATA SHOULD INCLUDE CURRENT TECHNOLOGICAL CHANGES, CHANGES CURRENTLY UNDER RESEARCH, AND SECONDARY IMPLICATIONS OF BOTH TYPES OF CHANGES. SOURCES OF INFORMATION INCLUDE TRADE, TECHNICAL, OR PROFESSIONAL PUBLICATIONS, GOVERNMENT PUBLICATIONS, EDUCATIONAL REPORTS, RESEARCH ORGANIZATION PUBLICATIONS, NEWSPAPERS, AND COMMERCIAL MAGAZINES. PERTINENT DATA SHOULD BE CLASSIFIED, SYSTEMATIZED, AND EDITED. ANALYSIS OF THE DATA SHOULD INCLUDE TABULATIONS AND FREQUENCY DISTRIBUTIONS, TABLES AND GRAPHS, AND STATISTICAL CALCULATIONS. CONCLUSIONS SHOULD BE CONSTANTLY REEVALUATED BECAUSE THE DATA ARE EVER CHANGING. TWO-THIRDS OF THE PAPER IS DEVOTED TO THE DEVELOPMENT, OPERATION, AND USE OF ELECTRONIC COMPUTERS WITH EMPHASIS BEING PLACED ON THEIR GROWTH FROM 1951, WHEN THE FIRST COMMERCIAL INSTALLATION WAS MADE TO THE END OF 1967, WHEN AN ESTIMATED 44,000 COMPUTERS WERE IN SERVICE. COSTS OF COMPUTERS, SIZE OF THE EQUIPMENT, AND EXAMPLES OF COMPUTER DIVERSIFICATION ARE DEPICTED. USES FOR COMPUTERS IN EDUCATION INCLUDE PAYROLL TABULATIONS, SCHEDULING, TEACHING, AND COUNSELING. (DG)

ED 020 742 JC 680 251

MORTON, PAUL W.

COMMUNITY SERVICES OF THE COMMUNITY COLLEGES IN THE STATE OF PENNSYLVANIA.

LEHIGH UNIV., BETHLEHEM, PA., SCHOOL OF EDUCATION

PUB DATE APR 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ADULT EDUCATION, *COMMUNITY COLLEGES, *COMMUNITY SERVICE PROGRAMS, *JUNIOR COLLEGES, COMMUNITY PROGRAMS, COMMUNITY SERVICES, CULTURAL ACTIVITIES, PENNSYLVANIA,

THIS STUDY (1) IDENTIFIES MAJOR COLLEGE COMMUNITY SERVICES, (2) DEFINES THE AREA SERVED BY A COMMUNITY COLLEGE, AND (3) MAKES RECOMMENDATIONS FOR INITIATING AND OPERATING THESE SERVICES IN PENNSYLVANIA COLLEGES. DATA FROM INTERVIEWS WERE USED TO DESIGN A QUESTIONNAIRE SENT TO 90 PUBLIC 2-YEAR COLLEGES ACROSS THE NATION. TABLES DISPLAY THE REPLIES, FROM WHICH ARE DRAWN THE FOLLOWING CONCLUSIONS--(1) COMMUNITY SERVICES ARE NON-CREDIT ACTIVITIES FOR DEVELOPING HUMAN RESOURCES AND IMPROVING SOCIAL AND ECONOMIC CONDITIONS, (2) CONTINUING (ADULT) EDUCATION SHOULD SUPPLEMENT, NOT INTERFERE WITH, THAT GIVEN BY OTHER AGENCIES, (3) PROGRAMS INCLUDE ADULT EDUCATION, SEMINARS, WORKSHOPS, AND CULTURAL ACTIVITIES, (4) PROGRAMS SHOULD START WITH THE COLLEGE'S FOUNDING AND BE RUN BY A PROFESSIONAL EDUCATOR, (5) THE SERVICES SHOULD BE CHOSEN BY CONSENSUS OF THE COMMUNITY, COLLEGE ADMINISTRATION, STAFF, STUDENTS, AND PUBLIC, (6) AD HOC ADVISORY COMMITTEES ARE BETTER THAN STANDING COMMITTEES, (7) PROGRAMS ARE SELF-SUPPORTING EXCEPT FOR SALARIES OF THE DIRECTOR AND CLERICAL AIDES, (8) POLICY IS DETERMINED BY THE COLLEGE PRESIDENT, BUDGET LIMITS, AND REGIONAL TRADITIONS, (9) THE PROGRAMS SERVE A LIMITED GEOGRAPHICAL AREA, AND (10) PENNSYLVANIA COLLEGES HAVE NOT BEEN PROVIDING ENOUGH COMMUNITY SERVICE. THIS ED.D. DISSERTATION IS AVAILABLE AS DOCUMENT NO. 66-11,828 FOR $3.00 (MICROFILM) OR $7.00 (HARD COPY) FROM UNIVERSITY MICROFILMS, INC., P.O. BOX 1346, ANN ARBOR, MICHIGAN 48106. (HH)

ED 020 743 JC 680 253

KENDRA, LAWRENCE M. DALBY, J. PHILIP

PARKING FACILITY PROJECTIONS BASED ON THE 1968 STUDENT PARKING SURVEY.

CUYAHOGA COMMUNITY COLL., CLEVELAND, OHIO

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$1.04 24P.

DESCRIPTORS— *CAMPUS PLANNING, *FACILITY EXPANSION, *JUNIOR COLLEGES, *PARKING AREAS, *SPACE UTILIZATION, COLLEGE PLANNING, FACILITY IMPROVEMENT, STUDENT COSTS, TRAFFIC REGULATIONS,

RESPONSES FROM 1,309 STUDENTS AND 121 CAMPUS EMPLOYEES AT CUYAHOGA COMMUNITY COLLEGE WERE USED TO PROJECT REQUIREMENTS FOR PARKING FACILITIES AT THE INSTITUTION BY 1971. STUDENTS INDICATED WHETHER OR NOT THEY CURRENTLY DROVE TO SCHOOL AND, IF NOT, IF THEY WOULD INTEND TO DRIVE IF PARKING FACILITIES WERE PROVIDED AT A NOMINAL FEE. FINDINGS SHOWED THAT (1) 70 PERCENT OF THE STUDENTS DROVE TO SCHOOL, (2) 69 PERCENT OF THE CAMPUS EMPLOYEES DROVE TO SCHOOL, (3) 61 PERCENT NEVER LEFT AND RETURNED TO THE CAMPUS BY CAR THE SAME DAY, (4) 30 PERCENT SOMETIMES LEFT AND RETURNED BY CAR THE SAME DAY, (5) 3 PER-

CENT ALWAYS LEFT AND RETURNED BY CAR THE SAME DAY, (6) 63 PERCENT PARKED IN PRIVATE OR MUNICIPAL LOTS, (7) 11 PERCENT WERE NOT WILLING TO DRIVE AT ALL, AND (8) 85 PERCENT WOULD DRIVE TO SCHOOL EACH DAY IF PARKING FACILITIES WERE PROVIDED AT A NOMINAL FEE. IT WAS ESTIMATED THAT 7,440 PARKING SPACES WERE REQUIRED FOR STUDENTS WITH 10,248 SPACES BEING NEEDED BY 1971, AND THAT 207 SPACES WERE NEEDED FOR CAMPUS EMPLOYEES WITH 261 SPACES NEEDED BY 1971. BY USE OF FORMULAS BASED ON THE EXPECTED AMOUNT OF TIME SPENT ON CAMPUS BY STUDENTS AND CAMPUS EMPLOYEES, SPACE REQUIREMENTS FOR PARKING FACILITIES WERE TABULATED WITH THE RESULTS INDICATING CURRENT PARKING REQUIREMENTS OF 2,780 SPACES AND THE PROJECTED FULL UTILIZATION DEMAND SLIGHTLY EXCEEDING 3,800 SPACES FOR 6,000 FTE DAY STUDENTS. (DG)

ED 020 744 JC 680 254

DALBY, J. PHILIP

EVENING CLASS SCHEDULES OF LARGE COLLEGES AND UNIVERSITIES.

CUYAHOGA COMMUNITY COLL., CLEVELAND, OHIO

PUB DATE OCT 67

EDRS PRICE MF-$0.25 HC-$1.20 28P.

DESCRIPTORS— *EVENING CLASSES, *JUNIOR COLLEGES, *QUARTER SYSTEM, *SCHEDULING, *SCHOOL CALENDARS, EVENING PROGRAMS, EVENING STUDENTS, SCHOOL ORGANIZATION, SCHOOL PLANNING, SCHOOL SCHEDULES, SEMESTER DIVISION, TRIMESTER SCHEDULES,

ANTICIPATING A CHANGE FROM A SEMESTER TO A QUARTER SYSTEM OF INSTRUCTION, CUYAHOGA COMMUNITY COLLEGE SURVEYED 357 COLLEGES AND UNIVERSITIES (EACH WITH 3,000 OR MORE ENROLLED) TO DETERMINE THE TYPE OF INSTRUCTIONAL CALENDARS BEING USED, THE METHOD OF SCHEDULING EVENING CLASSES, THE NUMBER OF MEETINGS PER WEEK, AND THE LENGTH OF CLASS SESSIONS. RESPONSES FROM 310 OF THE INSTITUTIONS (87 PERCENT), INDICATED THAT (1) 73 PERCENT OF THE 4-YEAR COLLEGES FOLLOWED SEMESTER CALENDARS, 21 PERCENT FOLLOWED QUARTER CALENDARS, 5 PERCENT WERE ON TRIMESTERS, AND 1 PERCENT USED OTHER TYPES OF CALENDARS, (2) 84 PERCENT OF THE 2-YEAR COLLEGES FOLLOWED THE SEMESTER PLAN, 9 PERCENT FOLLOWED THE QUARTER CALENDAR, AND 7 PERCENT THE TRIMESTER OR "OTHER" CALENDAR SYSTEMS, (3) 62 PERCENT OF THE 4-YEAR COLLEGES SCHEDULED EVENING CLASSES ONCE PER WEEK, 33 PERCENT TWICE PER WEEK, AND 4 PERCENT THREE TIMES PER WEEK, (4) 36 OF THE 310 RESPONDENTS INDICATED THAT THEY HAD CHANGED THE NUMBER OF WEEKLY MEETINGS OF REGULARLY SCHEDULED EVENING CLASSES SINCE 1960, AND (5) CHANGES IN TYPES OF CALENDARS DID NOT ADVERSELY AFFECT ENROLLMENT. CONCLUSIONS DRAWN FROM THE STUDY, PERTINENT TABLES, AND RECOMMENDATIONS FOR THE CUYAHOGA PROGRAM WERE INCLUDED. (DG)

ED 020 745 JC 680 255

DALBY, J. PHILIP ZOLDAK, HELEN LOUISE

PREPARATION OF UNIFORM TYPEWRITTEN REPORTS--A MANUAL OF STYLE FOR CUYAHOGA COMMUNITY COLLEGE.

CUYAHOGA COMMUNITY COLL., CLEVELAND, OHIO

PUB DATE JUL 66

EDRS PRICE MF-$0.50 HC-$2.56 62P.

DESCRIPTORS— *JUNIOR COLLEGES, *MANUALS, *SECRETARIES, *TECHNICAL WRITING, *TYPISTS, BIBLIOGRAPHIES, CLEVELAND, GUIDES, OHIO, PUBLICATIONS, STENOGRAPHERS,

THIS TYPIST'S GUIDE INCLUDES INSTRUCTION ON THE PREPARATION OF A REPORT (TITLE PAGE, TABLES OF CONTENTS, TABLES, FIGURES, SUMMARY, ETC.), SPACING AND CAPITALIZATION OF HEADINGS AND MARGINS, PAGING, PARAGRAPHS, CITATIONS, FOOTNOTES, ABBREVIATIONS, SYMBOLS, ELLIPSES, BIBLIOGRAPHIES, APPENDIXES, AND OTHER ITEMS OF FORMAT OR USAGE. THE RULES ARE PRESENTED WITH EXAMPLES OR SAMPLE PAGES AS APPROPRIATE. (HH)

ED 020 746 LI 000 023

NEW DIRECTIONS IN LIBRARY SERVICE FOR COLORADO, REPORT OF A SURVEY UNDERTAKEN FOR THE COLORADO STATE LIBRARY.

NELSON ASSOCIATES INC., NEW YORK, N.Y.

COLORADO STATE LIBRARY, DENVER

PUB DATE AUG 65

EDRS PRICE MF-$0.50 HC-$4.04 99P.

DESCRIPTORS— *LIBRARIES, *LIBRARY PROGRAMS, *LIBRARY SERVICES, *LIBRARY SURVEYS, COLORADO, LIBRARY COOPERATION, LIBRARY REFERENCE SERVICES,

DATA OBTAINED FROM VISITS TO ALL TYPES OF LIBRARIES, INTERVIEWS WITH ABOUT 80 PEOPLE, AND STATISTICAL DATA FURNISHED BY THE COLORADO STATE LIBRARY FROM THE BASIS FOR THIS SURVEY OF LIBRARY RESOURCES IN COLORADO. LIBRARY SERVICES ARE FOUND TO BE INADEQUATE AND IT IS RECOMMENDED THAT THE STATE LIBRARY ASSUME LEADERSHIP FOR STATE PROGRAMS, THAT THE GRANT-IN-AID PROGRAM BE REFORMULATED, AND THAT A STATE-WIDE PROGRAM OF REFERENCE SERVICE BE INITIATED. APPENDIXES INCLUDE THE ESTIMATED COSTS OF A PUBLIC LIBRARIES SYSTEMS PROGRAM, A TENTATIVE SYSTEM STRUCTURE, AND A GRANT-IN-AID PROGRAM FORMULA FOR PUBLIC LIBRARY SYSTEM DEVELOPMENT. THIS DOCUMENT IS AVAILABLE FOR $2.00 FROM THE COLORADO STATE LIBRARY, 1362 LINCOLN, DENVER, COLORADO 80220. (PT)

ED 020 747 LI 000 040

SCRIBNER, CHARLES, JR.

THE BUCK HILL FALLS REPORT, THE CHANGING NATURE AND SCOPE OF THE SCHOOL AND LIBRARY MARKET. ARE NEW MARKETING TECHNIQUES NEEDED. A CONFERENCE SPONSORED BY THE SCHOOL AND LIBRARY PROMOTION AND MARKETING COMMITTEE (BUCK HILL FALLS, APRIL 27-29,1966).

AMERICAN BOOK PUBLISHERS COUNCIL INC.,NEW YORK,N.Y

PUB DATE JUN 67

EDRS PRICE MF-$0.75 HC NOT AVAILABLE FROM EDRS. 143P.

DESCRIPTORS— *LIBRARY MATERIALS, *MARKETING, *PUBLIC LIBRARIES, *PUBLISHING INDUSTRY, *SCHOOL LIBRARIES, COLLEGE LIBRARIES, FEDERAL LEGISLATION, INSTRUCTIONAL MATERIALS, LIBRARY ACQUISITION, LIBRARY EXPENDITURES, LIBRARY MATERIAL SELECTION, PROMOTION (PUBLICIZE), SCHOOLS,

PUBLISHERS, LIBRARIANS, AND EDUCATORS MET TO DISCUSS THE CURRENT SCHOOL AND LIBRARY MARKET FOR BOOKS AND OTHER INSTRUCTIONAL MATERIALS IN AN EFFORT TO INCREASE UNDERSTANDING OF THEIR RESPECTIVE ROLES IN MEETING THE GREATER DEMANDS MADE UPON THEM BY THE ADOPTION OF IMPROVED EDUCATION AS A NATIONAL POLICY. AFTER AN EXAMINATION OF FEDERAL EDUCATIONAL LEGISLATION AND ITS IMPLICATIONS FOR THE PUBLISHING INDUSTRY, THE ECONOMICS AND FINANCING OF THE SCHOOL AND LIBRARY MARKET ARE DISCUSSED, BEGINNING WITH AN ADDRESS ON LIBRARY EXPENDITURES FOR PUBLISHED MATERIALS, FOLLOWED BY REACTION FROM THE PUBLISHING INDUSTRY AND PANEL COMMENTS REPRESENTING SCHOOL, COLLEGE PUBLIC LIBRARY, WHOLESALER, PAPERBACK PUBLISHER, AND DIVERSIFIED PUBLISHER VIEWPOINTS. CRITICAL PUBLISHING DECISIONS ARE ANALYZED WITH SPECIAL REFERENCE TO CHILDREN'S ADULT AND PAPERBACK BOOKS AND TO THE COLLEGE, SCHOOL AND SCHOOL LIBRARY MARKET. A PAPER ON THE PROFESSIONAL RESPONSIBILITY FOR BOOK SELECTION OPENS THE SESSION ON THE RELATIVE EFFECTS OF PROMOTION AND MARKETING UPON BOOK SELECTION, FOLLOWED BY COMMENTS ON FIVE ASPECTS OF PROMOTION--SPACE ADVERTISING, BOOK REVIEWS, EXHIBITS AND MEETINGS, CATALOGS AND DIRECT MAIL, AND PUBLIC RELATIONS. THE CHANGES IN BOOK DISTRIBUTION TO SCHOOLS AND LIBRARIES ARE CONSIDERED, AND THE CONFERENCE CLOSES WITH AN APPEAL TO PRODUCE QUALITY MATERIALS FOR EVERY CHILD. HARD COPY OF THIS DOCUMENT IS AVAILABLE FROM THE AMERICAN BOOK PUBLISHERS COUNCIL, INC., ONE PARK AVENUE, NEW YORK, N.Y. 10016. (JB)

ED 020 748 LI 000 417

SALTON, GERALD

INFORMATION STORAGE AND RETRIEVAL, REPORTS ON EVALUATION, CLUSTERING, AND FEEDBACK.

CORNELL UNIV., ITHACA, N.Y., DEPT.OF COMPUTER SCI.

REPORT NUMBER ISR-12

PUB DATE JUN 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EVALUATION METHODS, *INFORMATION RETRIEVAL, *INFORMATION UTILIZATION, *SEARCH STRATEGY, *USE STUDIES, AMERICAN DOCUMENTATION INSTITUTE, CLUSTER GROUPING, COMPUTATIONAL LINGUISTICS, CORRELATION, INDEXING, INFORMATION NEEDS, INFORMATION PROCESSING, INFORMATION STORAGE, INFORMATION SYSTEMS, INPUT OUTPUT, MAN MACHINE SYSTEMS, MEASUREMENT TECHNIQUES, PERFORMANCE CRITERIA, SMART (SALTONS MAGICAL AUTOMATIC RETRIEVER OF TEXT), STATISTICAL ANALYSIS, THESAURI, TIME SHARING,

THE TWELFTH IN A SERIES COVERING RESEARCH IN AUTOMATIC STORAGE AND RETRIEVAL, THIS REPORT IS DIVIDED INTO THREE PARTS TITLED EVALUATION, CLUSTER SEARCHING, AND USER FEEDBACK METHODS, RESPECTIVELY. THE FIRST PART, EVALUATION, CONTAINS A COMPLETE SUMMARY OF THE RETRIEVAL RESULTS DERIVED FROM SOME SIXTY DIFFERENT TEXT ANALYSIS EXPERIMENTS. IN EACH CASE, SIGNIFICANCE COMPUTATIONS ARE INCLUDED WHICH CAN BE USED TO ASSESS THE STATISTICAL SIGNIFICANCE OF THE REPORTED RETRIEVAL RESULTS. CONCLUSIONS ARE DRAWN FROM THE EXPERIMENTAL RESULTS WHICH MAY AFFECT THE DECISION OF FUTURE FULLY-AUTOMATIC INFORMATION RETRIEVAL SYSTEMS. THE SECOND AND THIRD PARTS ARE DEVOTED TO A NUMBER OF EXPERIMENTS IN REAL-TIME INFORMATION RETRIEVAL, DESIGNED TO MAKE THE USER PARTICIPATE IN THE SEARCH PROCESS. SPECIFICALLY, VARIOUS ITERATIVE SEARCH STRATEGIES ARE EVALUATED BASED ON FEEDBACK INFORMATION RETURNED TO THE SYSTEM BY THE USER, FOLLOWING AN INITIAL SEARCH OPERATION. THIS FEEDBACK INFORMATION IS THEN USED TO IMPROVE THE OUTPUT OBTAINED DURING SUBSEQUENT SEARCHES. EVALUATION RESULTS ARE PRESENTED IN PART THREE FOR MANY KINDS OF USER FEEDBACK STRATEGIES. THE THIRTEENTH REPORT IN THE SERIES IS LI 000 212. THIS DOCUMENT IS AVAILABLE AS PB-176-536 FROM THE CLEARINGHOUS FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION, SPRINGFIELD, VIRGINIA 22151, $3.00 FOR HARD COPY, $0.65 FOR MICROFICHE, 346 PAGES. (AUTHOR/CM)

ED 020 749 LI 000 433

RUSSELL, MARTIN FREEMAN, ROBERT R.

COMPUTER-AIDED INDEXING OF A SCIENTIFIC ABSTRACTS JOURNAL BY THE UDC WITH UNIDEK--A CASE STUDY.

AMERICAN INST. OF PHYSICS, NEW YORK, N.Y.

REPORT NUMBER AIP/UDC-4

PUB DATE 1 APR 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CLASSIFICATION, *COMPUTERS, *INDEXES, *INDEXING, *PERIODICALS, ABSTRACTS, EARTH SCIENCE INFORMATION RETRIEVAL, UDC), UNIDEK, UNIVERSAL DECIMAL CLASSIFICATION, VOCABULARY,

THIS PAPER IS A CASE STUDY OF THE ADOPTION BY GEOSCIENCE ABSTRACTS OF UNIDEK, A COMPUTERtCOMPILED SYSTEMATIC SUBJECT INDEX BASED ON THE UNIVERSAL DECIMAL CLASSIFICATION (UDC). EVENTS LEADING TO A DECISION TO ADOPT THE SYSTEM, SOME THEORY OF INDEXES, PROBLEMS INVOLVED IN CONVERSION, AND SOME OF THE RESULTS ACHIEVED ARE REVIEWED. UNIDEK MAKES POSSIBLE THE MECHANICAL ANALYSIS OF COMPLETE UDC NUMBERS AND PROVIDES AN INDEX BY UDC NUMBERS, UDC HEADINGS, ARTICLE TITLES, AND ABSTRACT NUMBERS OF ARTICLES CITED. THE GREATEST WEAKNESS IN COMPUTER-AIDED INDEXING BY UNIDEK WAS FOUND TO BE THE LACK OF A COMPLETE MECHANICALLY SEARCHABLE FILE OF ALL UDC NUMBERS. MORE USE OF UDC SHOULD PROVIDE BETTER UDC SCHEDULES AND THEREFORE BETTER INDEXES. APPENDED IS AN ILLUSTRATION OF HOW A UNIDEK INDEX IS PREPARED AND USED, THE UNIDEK SYSTEM BLOCK DIAGRAM, AND SAMPLE PAGES FROM A UNIDEK INDEX. AN EARLIER VERSION OF THIS PAPER WAS PRESENTED TO THE 1965 FID CONGRESS (31ST, WASHINGTON, D.C., OCTOBER 7-16, 1965). THIS DOCUMENT IS AVAILABLE AS PB 175 926 FROM THE CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION, SPRINGFIELD, VIRGINIA 22151, $3.00 FOR HARD COPY, $0.65 FOR MICROFICHE, 31 PAGES. (AUTHOR/JB).

ED 020 750 **LI 000 472**

HARLOW, NEAL

A STUDY OF THE NEED FOR ADDITIONAL FACILITIES FOR THE EDUCATION OF LIBRARIANS IN THE UNIVERSITY OF CALIFORNIA.

CALIFORNIA UNIV., BERKELEY

PUB DATE APR 67

EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. 35P.

DESCRIPTORS— *EDUCATIONAL IMPROVEMENT, *EDUCATIONAL NEEDS, *LIBRARIANS, *LIBRARY EDUCATION, *LIBRARY SCHOOLS, CALIFORNIA, EDUCATIONAL INNOVATION, EDUCATIONAL RESPONSIBILITY, ENROLLMENT, FACULTY, GRADUATE STUDY, MANPOWER NEEDS, PROGRAM EVALUATION, RECRUITMENT, SITE SELECTION, UNIVERSITY OF CALIFORNIA,

THE STUDY AND RECOMMENDATIONS ARE BASED ON VISITS TO 5 CAMPUSES OF THE UNIVERSITY OF CALIFORNIA AND INTERVIEWS WITH LIBRARIANS, FACULTY, AND UNIVERSITY OFFICIALS, ALSO TAKING INTO ACCOUNT AVAILABLE DATA ON SUPPLY AND DEMAND OF PROFESSIONAL STAFF IN CALIFORNIA. CONCLUSIONS ARE THAT THE NEED FOR LIBRARIANS IN THE STATE, THE RAPID EXPANSION OF LIBRARIANSHIP AND INFORMATION SCIENCE AND THE PROFESSIONAL CURRICULUM, AND THE URGENT NEED FOR RESEARCH RESULT IN A MAJOR NEW RESPONSIBILITY FOR THE EXISTING SCHOOLS AT BERKELEY AND LOS ANGELES. IT IS RECOMMENDED THAT THE SCHOOLS AT U.C.L.A. AND BERKELEY INCREASE THEIR ENROLLMENT QUOTAS, ENLARGE AND DIVERSIFY THEIR FACULTY, AND EXPAND THEIR PROVISION OF SPACE, WITH THE DEANS AND ADMINISTRATIVE OFFICERS ACHIEVING A CONTINUING COMMITMENT TO THESE OBJECTIVES. IT IS ALSO CONCLUDED THAT THESE EXISTING GRADUATE SCHOOLS CANNOT MEET THE NEED FOR PROFESSIONAL LIBRARIANS IN CALIFORNIA, THAT OTHER UNIVERSITY CAMPUSES OFFER ACCESS TO NEW SOURCES OF GRADUATE STUDENTS, AND THAT NEW NON-CONVENTIONAL AND INTERDISCIPLINARY PROGRAMS ARE ESSENTIAL TO THE DEVELOPMENT OF LIBRARY SERVICES. THEREFORE, THE ESTABLISHMENT OF TWO NEW LIBRARY SCHOOLS IN THE UNIVERSITY OF CALIFORNIA WITHIN FIVE YEARS IS RECOMMENDED. APPENDED IS THE ESTIMATED NUMBER OF PROFESSIONAL LIBRARIANS NEEDED PER YEAR FOR 1965 TO 1980, THE TOTAL ENROLLMENT AT THE 3 ACCREDITED LIBRARY SCHOOLS, THE CRITERIA USED TO EVALUATE POTENTIAL LIBRARY SCHOOL SITES, AND AN ANALYSIS OF LEGAL RESPONSIBILITY FOR CALIFORNIA LIBRARY EDUCATION. HARD COPY IS AVAILABLE FROM THE OFFICE OF THE PRESIDENT, UNIVERSITY OF CALIFORNIA, BERKELEY 94720. (JB)

ED 020 751 **LI 000 563**

INNOVATIONS IN SCIENTIFIC COMMUNICATION IN PSYCHOLOGY. APA-PSIEP REPORT NO. 16.

AMERICAN PSYCHOLOGICAL ASSN., WASHINGTON, D.C.

PUB DATE DEC 66

EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 65P.

DESCRIPTORS— *CONFERENCES, *INFORMATION DISSEMINATION, *INFORMATION UTILIZATION, *PSYCHOLOGISTS, INNOVATION, PSYCHOLOGY, SCHOLARLY JOURNALS, SURVEYS,

PART I REPORTS A STUDY OF THE EFFECTS OF LISTING MANUSCRIPTS SHORTLY AFTER THEIR EDITORIAL ACCEPTANCE, BY TITLE AND AUTHOR'S NAME AND ADDRESSES, IN LONG-PUBLICATION-LAG, CORE PSYCHOLOGICAL JOURNALS. TWO SAMPLES WERE SURVEYED-(1) 609 AUTHORS OF AN EQUAL NUMBER OF LISTED MANUSCRIPTS, AND (2) REQUESTERS OF ABOUT 2,600 REQUESTS DIRECTED TO 603 AUTHORS OVER A 7-MONTH TRIAL PERIOD. FINDINGS ARE PRESENTED UNDER THE HEADINGS-(1) PRIOR DISSEMINATION OF CONTENTS OF LISTED MANUSCRIPT, (2) INFORMATION EXCHANGE ACTIVITIES RESULTING FROM LISTINGS, (3) THE "STIMULUS" FOR REQUESTING COPIES, (4) CHARACTERISTICS OF REQUESTORS AND A COMPARISON OF THEIR AND AUTHORS' ACTIVITIES IN AREA OF LISTED MANUSCRIPT, (5) EFFECTS OF THE WORK OF AUTHORS AND REQUESTORS OF INFORMATION EXCHANGES GENERATED THROUGH LISTED MANUSCRIPTS, AND (6) AUTHORS' OPINION OF LISTINGS AND SUGGESTIONS FOR IMPROVING THE INNOVATION. PART II ASSESSES THE UTILIZATION AND EFFECTS OF AN INNOVATION IN WHICH A TRIAL EDITION OF PRE-CONVENTION PUBLICATION CONTAINING CONTRIBUTED PAPERS OF FIVE APA DIVISION WAS ISSUED APPROXIMATELY TWO MONTHS PRIOR TO THE 1965 APA MEETING. SAMPLES OF AUTHORS, REQUESTORS, AND ATTENDANTS WERE SURVEYED RELATIVE TO PROCEEDING PAPERS AND TO A CONTROL GROUP OF PAPERS NOT PUBLISHED IN THE PROCEEDINGS. ADDITIONALLY, A SURVEY OF IMMEDIATE READERSHIP OF PROCEEDING PAPERS WAS CONDUCTED. FINDINGS ARE PRESENTED UNDER THE GENERAL HEADINGS-91) CHARACTERISTICS OF RESPONDENT GROUPS , (2) SCIENTIFIC COMMUNICATION BASED UPON PROCEEDINGS AND CONTROL PAPERS, (3) READERSHIP OF PROCEEDINGS ARTICLES AND RELATIONSHIP OF READERSHIP TO DIVISIONAL SPONSORSHIP, AND (4) RESPONDENTS' INVOLVEMENT IN SUBJECT-MATTER AREAS OF PRESENTATIONS AND EFFECT OF COMMUNICATION SURROUNDING THE PRESENTATION ON THEIR SUBSEQUENT WORK. HARD COPY OF THIS DOCUMENT IS AVAILABLE FROM THE APA'S PROJECT ON SCIENTIFIC INFORMATION EXCHANGE IN PSYCHOLOGY, 1200 SEVENTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (RP)

ED 020 752 **LI 000 564**

THE USE OF SCIENTIFIC INFORMATION IN THE UNDERGRADUATE TEACHING OF PSYCHOLOGY. APA-PSIEP REPORT NO. 17.

AMERICAN PSYCHOLOGICAL ASSN., WASHINGTON, D.C.

PUB DATE MAR 67

EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. 38P.

DESCRIPTORS— *INFORMATION SOURCES, *INFORMATION UTILIZATION, *PROFESSORS, *UNDERGRADUATE STUDY, INFORMATION NEEDS, PSYCHOLOGISTS, PSYCHOLOGY, QUESTIONNAIRES, SURVEYS,

THE OBJECTIVE OF THIS STUDY WAS TO OBTAIN A GENERAL IDEA OF (1) THE CHARACTERISTICS OF PERSONS ENGAGED IN TEACHING PSYCHOLOGY AT THE UNDERGRADUATE LEVEL, (2) THE SOURCES THEY USED IN ORGANIZING THEIR COURSES, AND (3) THE NATURE OF THEIR PREPARATION FOR A SINGLE LECTURE. THE SAMPLE WAS TAKEN FROM THE FACULTIES OF 246 UNIVERSITIES AND COLLEGES THAT WERE A CROSS SECTION OF AMERICAN FOUR-YEAR INSTITUTIONS OF HIGHER LEARNING. THE FINDINGS ARE PRESENTED UNDER THE HEADINGS-(1) ACADEMIC BACKGROUND, (2) PROFESSIONAL BACKGROUND, (3) UNDERGRADUATE TEACHING, (4) RESPONSIBILITIES IN ADDITION TO UNDERGRADUATE TEACHING, (5) INFORMATION NEEDS ASSOCIATED WITH PROFESSIONAL RESPONSIBILITIES, (6) INFORMATION SOURCES UTILIZED BY TEACHERS OF UNDERGRADUATE COURSES, (7) SOURCES FOR INFORMATION FOR LECTURE, (8) INFORMATION PROBLEMS, (9) CHARACTERISTICS OF TEACHERS TEACHING DIFFERENT SUBJECT-MATTER COURSES AND THEIR USE OF SOURCES OF INFORMATION, (10) CHARACTERISTICS AND SCIENTIFIC AND PROFESSIONAL ACTIVITIES OF TEACHERS, (11) INFORMATION SOURCES USED BY TEACHERS, AND (12) DIFFERENCES IN PROFESSIONAL CHARACTERISTICS OF TEACHERS AND IN THEIR INFORMATION PRACTICES ASSOCIATED WITH STATUS OF SCHOOLS GRANTING THEIR HIGHEST DEGREE AND CURRENTLY EMPLOYING THEM. HARD COPY OF THIS DOCUMENT IS AVAILABLE FROM THE APA'S PROJECT ON SCIENTIFIC INFORMATION EXCHANGE IN PSYCHOLOGY, 1200 SEVENTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (RP)

ED 020 753 **LI 000 565**

INFORMATION EXCHANGE AT THE AMERICAN PSYCHOLOGICAL ASSOCIATION ANNUAL CONVENTION AND THE FUNCTION OF THE CONVENTION PROCEEDINGS IN SUCH EXCHANGE. APA-PSIEP REPORT NO. 18.

AMERICAN PSYCHOLOGICAL ASSN., WASHINGTON, D.C.

PUB DATE APR 68

EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 66P.

DESCRIPTORS— *CONFERENCE REPORTS, *CONFERENCES, *INFORMATION DISSEMINATION, *PSYCHOLOGISTS, AMERICAN PSYCHOLOGICAL ASSOCIATION, APA, COMMUNICATION (THOUGHT TRANSFER), EVALUATION, SURVEYS, SYMPOSIA,

THE OBJECTIVE OF THE STUDY WAS TO ASSESS THE FUNCTION OF VARIOUS EVENTS ON THE CONVENTION PROGRAM IN LIGHT OF THE AVAILABILITY OF THE PROCEEDINGS PRIOR TO THE CONVENTION. THE MAJOR FINDINGS OF THE STUDY DEAL WITH-THE SUCCESS OF THE PROCEEDINGS AS A COMMUNICATION MEDIUM, THE EFFECT OF THE POOR DISTRIBUTION OF THE PROCEEDINGS PRIOR TO THE CONVENTION UPON INTERACTION AT THE CONVENTION, THE CHARACTERISTICS OF DISCUSSION SESSIONS OF THE CONVENTION, ESPECIALLY IN TERMS OF PROMOTING EFFECTIVE INTERACTION BETWEEN AUTHORS AND ATTENDANTS, THE EFFECTIVENESSS OF THE INVITED ADDRESSES AND SYMPOSIA AS CONVENTION EVENTS, GIVING DUE ATTENTION TO THE FACT THAT CONTRIBUTED PAPER SESSIONS NOW SEEM TO BE SOMEWHAT MORE EFFECTIVE THAN IN THE PAST, AND FINALLY, CHARACTERISTICS OF CONVENTION INTERACTIONS AND OF THE RESPONDENT THAT SEEM MOST FREQUENTLY TO LEAD TO MODIFICATIONS IN THE RESPONDENT'S ONGOING PSYCHOLOGICAL WORK. HARD COPY OF THIS DOCUMENT IS AVAILABLE FROM THE APA'S PROJECT ON SCIENTIFIC INFORMATION EXCHANGE IN PSYCHOLOGY, 1200 SEVENTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (RP)

ED 020 754 **LI 000 566**

INFORMATION EXCHANGE ACTIVITIES INVOLVED IN PSYCHOLOGICAL WORK. APA-PSIEP REPORT NO. 19.

AMERICAN PSYCHOLOGICAL ASSN., WASHINGTON, D.C.
PUB DATE MAR 68
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 67P.
DESCRIPTORS— *COMMUNICATION (THOUGHT TRANSFER), *INDIVIDUAL CHARACTERISTICS, *INFORMATION DISSEMINATION, *INFORMATION UTILIZATION, *PSYCHOLOGISTS, QUESTIONNAIRES, SURVEYS,
A QUESTIONNAIRE WAS MAILED TO A SAMPLE OF APA MEMBERS WHO WERE AFFILIATED WITH CERTAIN SPECIALIZED ORGANIZATIONS AND A SECOND SAMPLE OF THOSE WHO WERE NOT SO AFFILIATED TO OBTAIN A GENERAL PICTURE OF INFORMATION PRACTICES WITHIN AMERICAN PSYCHOLOGY. THIS REPORT PRESENTS FINDINGS OF THAT SURVEY UNDER THE HEADINGS--(1) PROFESSIONAL CHARACTERISTICS AND INFORMATION PRACTICES, (2) INFORMATION PRACTICES RELATED TO PROFESSIONAL CHARACTERISTICS, (3) WORK SETTINGS--CONDUCT OF RESEARCH, (4) WORK SETTINGS--CLINICAL WORK, (5) SCIENTIFIC PRODUCTIVITY, AND (6) CHARACTERISTICS OF RESPONDENTS AT DIFFERENT LEVELS OF PRODUCTIVITY. PART I OF APPENDIX C EXAMINES THE DATA ON THE CHARACTERISTICS AND INFORMATION PRACTICES WITHIN THE SPECIALIZED ORGANIZATIONS. PART II OF APPENDIX C IS A PAPER ENTITLED "PSYCHOLOGICAL ORGANIZATIONS--THEIR NATURE AND MEMBERSHIP PATTERNS" BY PAUL J. WOODS (AMERICAN PSYCHOLOGIST, 1964, VOL. 19, NO. 8, PAGES 663-669). HARD COPY OF THIS DOCUMENT IS AVAILABLE FROM THE APA'S PROJECT ON SCIENTIFIC INFORMATION EXCHANGE IN PSYCHOLOGY, 1900 SEVENTEENTH ST., N.W., WASHINGTON, D.C. 20036 (RP)

ED 020 755 LI 000 567
SCIENTIFIC COMMUNICATION AT THE XVII INTERNATIONAL CONGRESS OF PSYCHOLOGY, MOSCOW, 1966 AND SOME IMPLICATIONS FOR THE DESIGN AND OPERATION OF INTERNATIONAL MEETINGS. APA-PSIEP REPORT NO. 29.
AMERICAN PSYCHOLOGICAL ASSN., WASHINGTON, D.C.
PUB DATE APR 68
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 60P.
DESCRIPTORS— *COMMUNICATION (THOUGHT TRANSFER), *CONFERENCES, *INFORMATION DISSEMINATION, *PSYCHOLOGISTS, INFORMATION UTILIZATION, INTERNATIONAL CONGRESS OF PSYCHOLOGY, MOSCOW, PSYCHOLOGY, SURVEYS,
THE PRINCIPAL OBJECTIVE OF THE STUDY WAS TO DEPICT SCIENTIFIC INFORMATION EXCHANGE IN THE SPECIAL ENVIRONMENT AFFORDED BY THE CONGRESS. DATA WAS COLLECTED ON TWO TYPES OF PARTICIPANTS--THOSE WHO MADE FORMAL PRESENTATIONS, THE AUTHOR GROUP, AND THOSE WHO WERE PRESENT DURING PAPER PRESENTATIONS, THE ATTENDANT GROUP. PART I OF THE REPORT CONSTITUTES THE FULL REPORT OF THE DATA UNDER THE HEADINGS--(1) ORIGIN AND PLANNING OF THE STUDY, (2) AUTHORS--THE WORK THEY PRESENTED AND THEIR INFORMATION-EXCHANGE ACTIVITIES AT THE CONGRESS, (3) PATTERNS OF INFORMATION EXCHANGE AMONG CONGRESS ATTENDANTS, (4) INFORMATION-EXCHANGE ACTIVITIES AND COMMUNICATION PROBLEMS AT THE CONGRESS, AND (5) SCIENTIFIC INFORMATION EXCHANGE ACTIVITIES EXTRANEOUS TO CONGRESS PARTICIPATION. PART II SUMMARIZES PART I OF THE REPORT WITHIN THE CONTEXT OF THE OPERATION OF THE CONGRESS. PART III OF THE REPORT IS AN ATTEMPT TO LIST AND COMMENT UPON SOME OF THE SCIENTIFIC COMMUNICATION ISSUES RAISED BY THE PROJECT'S EXPERIENCE IN CONDUCTING THE STUDY. HARD COPY OF THIS DOCUMENT IS AVAILABLE FROM THE APA'S PROJECT ON SCIENTIFIC INFORMATION EXCHANGE IN PSYCHOLOGY, 1200 SEVENTEENTH ST., N.W., WASHINGTON, D.C. 20036. (RP)

ED 020 756 LI 000 568
BLASINGAME, RALPH AND OTHERS
SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD.
OHIO STATE LIBRARY BOARD, COLUMBUS
PUB DATE 68
EDRS PRICE MF-$0.75 HC-$7.72 191P.
DESCRIPTORS— *LIBRARY SERVICES, *LIBRARY SURVEYS, *PROGRAM DEVELOPMENT, *PUBLIC LIBRARIES, *STATE LIBRARIES, CENTRALIZATION, DECENTRALIZED LIBRARY SYSTEM, FINANCIAL SUPPORT, IMPROVEMENT PROGRAMS, LIBRARY COOPERATION, LIBRARY PROGRAMS, OHIO, PROGRAM COORDINATION, REGIONAL PLANNING,
USING INFORMATION FROM 5 COMMISSIONED STUDIES ON VARIOUS ASPECTS OF OHIO LIBRARIES (SUMMARIZED IN THIS REPORT), QUESTIONNAIRES, AND FIELD VISITS, THIS SURVEY IS INTENDED TO SERVE AS A BEGINNING FOR CONTINUOUS PLANNING AND TO PROVIDE A GENERAL FRAMEWORK FOR STATE-WIDE ACTION PROGRAMS. PROBLEM AREAS FOR OHIO PUBLIC LIBRARIES ARE SEEN AS--FINANCIAL SUPPORT THAT COMES FROM COUNTY BY COUNTY ALLOCATION OF THE INTANGIBLES TAX, COMPLACENCY AMONG MANY LIBRARIANS, PUBLIC LIBRARY BOARDS APPOINTED BY SCHOOL BOARDS, A STATE LIBRARY THAT IS ORIENTED TO RURAL AREAS AND HAS AN UNCLEAR RELATIONSHIP WITH STATE GOVERNMENT, AND A LACK OF COMMUNICATION IN MANY AREAS OF OHIO LIBRARY SERVICE. SPECIFIC RECOMMENDATIONS FOR THE STATE LIBRARY INCLUDE--IMPROVEMENT OF ITS COLLECTIONS AND STAFF TO PROVIDE QUALITY REFERENCE SERVICE, EXPANSION OF THE UNION CATALOG TO BECOME A BIBLIOGRAPHIC CENTER FOR THE STATE, ELIMINATION OF DIRECT CIRCULATION AND TRAVELING LIBRARY SERVICES, AND PROVISION OF CENTRALIZED PROCESSING SERVICES FOR PUBLIC LIBRARIES. GENERAL RECOMMENDATIONS EMPHASIZE THE REGIONAL APPROACH FOR ORGANIZATION OF SERVICE, AND THRE MAJOR AREAS OF FURTHER LIBRARY DEVELOPMENT ARE SUGGESTED IN THE FOLLOWING ORDER OF PRIORITY--(1) ENLARGEMENT AND CLARIFICATION OF THE ROLE OF THE OHIO STATE LIBRARY, (2) DEVELOPMENT AND IMPLEMENTATION OF PROGRAMS OF EQUALIZATION OF LIBRARY SERVICES FOR ALL RESIDENTS, AND (3) DEVELOPMENT OF PLANS TO RELATE THE MAJOR RESOURCES OF THE CITY LIBRARIES TO STATE-WIDE NEEDS. A RELATED DOCUMENT IS LI 000 569, AN APPENDIX TO THIS SURVEY, GIVING THE QUESTIONNAIRES USED AND THE STATISTICAL RESULTS. (JB)

ED 020 757 LI 000 569
BLASINGAME, RALPH AND OTHERS
SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD. APPENDIX.
OHIO STATE LIBRARY BOARD, COLUMBUS
PUB DATE 68
EDRS PRICE MF-$0.50 HC-$4.28 105P.
DESCRIPTORS— *LIBRARY SURVEYS, *PUBLIC LIBRARIES, *QUESTIONNAIRES, *STATISTICAL DATA, *TABLES (DATA), LIBRARY SERVICES, OHIO, STATE LIBRARIES,
INCLUDED IN THIS APPENDIX TO THE STUDY OF OHIO PUBLIC LIBRARIES AND THE LIBRARY NEEDS OF OHIOANS ARE THE TWO QUESTIONNAIRES SENT TO LIBRARIANS IN THE STATE. THE FIRST IS CONCERNED WITH THE RELATIONSHIP BETWEEN PUBLIC LIBRARIES AND THE STATE LIBRARY AND THE SECOND IS DESIGNED TO OBTAIN FACTUAL INFORMATION ABOUT THE INDIVIDUAL LIBRARY. RESULTS FROM THESE QUESTIONNAIRES ARE GIVEN IN 42 TABLES. A RELATED DOCUMENT IS LI 000 568, THE COMPLETE TEXT OF THE SURVEY REPORT TO THE OHIO STATE LIBRARY BOARD. (JB)

ED 020 758 LI 000 590
MCCROSSAN, JOHN AND OTHERS
LIBRARY SERVICES FOR THE HANDICAPPED IN OHIO.
KENT STATE UNIV., OHIO, CENTER FOR LIBRARY STUDIES
PUB DATE 68
EDRS PRICE MF-$0.25 HC-$2.36 57P.
DESCRIPTORS— *LIBRARIES, *LIBRARY FACILITIES, *LIBRARY SERVICES, *PHYSICALLY HANDICAPPED, *VISUALLY HANDICAPPED, LIBRARY COOPERATION, LIBRARY PROGRAMS, LIBRARY STANDARDS, OHIO,
THIS STUDY, UNDERTAKEN FOR THE OHIO STATE LIBRARY, PROVIDES IN PART I A DETAILED ACCOUNT OF THE NUMBER AND LOCATION OF BLIND, PARTIALLY SIGHTED, AND PHYSICALLY HANDICAPPED PEOPLE IN OHIO AND A SURVEY OF THE LIBRARY SERVICES PRESENTLY AVAILABLE TO THEM. PART II, WRITTEN BY RAYNARD SWANK, GIVES LONG RANGE RECOMMENDATIONS FOR PROVIDING THE HANDICAPPED WITH THE SAME RANGE AND QUALITY OF LIBRARY SERVICES AVAILABLE TO NORMAL READERS AND IMMEDIATE RECOMMENDATIONS FOR ALLOCATION OF FUNDS FROM TITLE IV-B OF THE LIBRARY SERVICES AND CONSTRUCTION ACT. APPENDIX A GIVE STANDARDS FOR LIBRARY SERVICES FROM THE COMSTAC REPORT--STANDARDS FOR STRENGTHENED SERVICES (NEW YORK, NATIONAL ACCREDIATION COUNCIL FOR AGENCIES SERVING THE BLIND AND VISUALLY HANDICAPPED, 1966, FRANCES A. KOESTLER, EDITOR). (CC)

ED 020 759 LI 000 626
RUBINOFF, M. AND OTHERS
EASY ENGLISH, A LANGUAGE FOR INFORMATION RETRIEVAL THROUGH A REMOTE TYPEWRITER CONSOLE.
PENNSYLVANIA UNIV., PHILADELPHIA,MOORE SCH.OF ELEC
PUB DATE APR 67
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *INFORMATION RETRIEVAL, *INPUT OUTPUT DEVICES, COMPUTER PROGRAMS, COMPUTERS, EASY ENGLISH, INFORMATION PROCESSING, MAN MACHINE SYSTEMS, PROGRAMING,
EASY ENGLISH IS A NATURAL COMMAND LANGUAGE DESIGNED TO SIMPLIFY COMMUNICATION BETWEEN MAN AND MACHINE THROUGH A REMOTE TYPEWRITER CONSOLE. IT IS MADE UP OF READILY RECONIZED SENTENCES OF THE ENGLISH LANGUAGE, SENTENCES WHICH ANY LAYMAN MIGHT BE EXPECTED TO USE IN EVERYDAY REQUESTS FOR SERVICES OR ARTICLES FROM A FAMILIAR SOURCE. EASY ENGLISH WAS DEVELOPED AS A COMMAND LANGUAGE FOR RETRIEVAL OF DOCUMENTS FROM A COMPUTERIZED DATA BASE, SPECIFICALLY FROM THE MOORE SCHOOL INFORMATION SYSTEMS LABORATORY (MSISL) FILES. IT IS INTENDED FOR ALL INFORMATION RETRIEVAL SYSTEMS USING REMOTE TYPEWRITER CONSOLES IN A CONVERSATION MODE. THIS DOCUMENT IS AVAILABLE AS AD 660 081 FROM THE CLEARINGHOUSE FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION, SPRINGFIELD, VIRGINIA 22151, $3.00 FOR HARD COPY, $0.65 FOR MICROFICHE, 15 PAGES. (AUTHOR)

ED 020 760 LI 000 749
CORBIN, JOHN B., ED.
PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
TEXAS LIBRARY AND HISTORICAL COMMISSION, AUSTIN
TEXAS LIBRARY ASSOCIATION
INTERNATIONAL BUSINESS MACHINES CORP.
PUB DATE 66
EDRS PRICE MF-$0.25 HC-$2.04 49P.
DESCRIPTORS— *AUTOMATION, *COMPUTERS, *ELECTRONIC DATA PROCESSING, *LIBRARIES, *LIBRARY TECHNICAL PROCESSES, AUSTIN (TEXAS) PUBLIC LIBRARY, BOOK CATALOGS, CATALOGING, LIBRARY ACQUISTION, LIBRARY CIRCULATION, LIBRARY EQUIPMENT, RICE UNIVERSITY LIBRARY, SERIALS, TEXAS A/M UNIVERSITY LIBRARY,
THE PURPOSE OF THE CONFERENCE WAS TO ACQUAINT LIBRARIANS WITH EXISTING MECHANIZATION PROGRAMS IN TEXAS LIBRA-

RIES AND WITH EXPERIMENTATION AND PLANNING BEING CARRIED ON. SEVEN PAPERS ARE INCLUDED, TWO BY AN IBM REPRESENTATIVE AND FIVE BY TEXAS LIBRARIANS. THE TWO PAPERS BY DONALD H. KRAFT, IBM REPRESENTATIVE, ARE "A 'TOTAL SYSTEMS' APPROACH TO LIBRARY MECHANIZATION" AND "THE INFLUENCE AND IMPACT OF MECHANIZATION ON LIBRARIES AND SOCIETY TODAY AND TOMORROW." THE BOOK CATALOG PROGRAM OF THE AUSTIN PUBLIC LIBRARY IS TREATED IN TWO PAPERS, ONE BY MAE LEA MCCURDY, ASSISTANT DIRECTOR OF THE LIBRARY, AND ONE BY O.R. MCCASLIN, ASSISTANT DIRECTOR OF FINANCE FOR THE CITY OF AUSTIN. THE REMAINING THREE ARTICLES ARE "THE CIRCULATION SYSTEM OF THE FONDREN LIBRARY, RICE UNIVERSITY" BY FREDERICK RUECKING, HEAD OF ITS DATA PROCESSING DIVISION, "THE ACQUISITIONS PROGRAM OF THE CENTRALIZED PROCESSING CENTER OF THE TEXAS STATE LIBRARY," BY JOHN B. CORBIN, DIRECTOR OF ITS TECHNICAL SERVICES DIVISION, AND "THE SERIALS MECHANIZATION PROGRAM OF THE TEXAS AM UNIVERSITY LIBRARY," BY BRUCE W. STEWART, DATA PROCESSING SUPERVISOR. (CC)

ED 020 761 LI 000 795

KRIKELAS, JAMES

LIBRARY STATISTICS AND STATE AGENCIES, A COMPARATIVE STUDY OF THREE STATES. RESEARCH SERIES NO. 12.

ILLINOIS UNIV., URBANA, LIBRARY RESEARCH CENTER

ILLINOIS STATE LIBRARY, SPRINGFIELD

PUB DATE APR 68

EDRS PRICE MF-$0.50 HC-$2.96 72P.

DESCRIPTORS— *PUBLIC LIBRARIES, *STATE AGENCIES, *STATE LIBRARIES, *STATISTICAL DATA, ILLINOIS, INDIANA, MISSOURI,

CO-SPONSORED BY THE STATE LIBRARIES OF ILLINOIS, INDIANA, AND MISSOURI, THIS STUDY WAS UNDERTAKEN TO DETERMINE THE POTENTIAL OF STATE LIBRARIES IN THE EXPANSION OF THEIR ROLE AS COLLECTORS AND DISTRIBUTORS OF LIBRARY STATISTICS ON A REGIONAL AND NATIONAL SCALE, AND TO OBTAIN SOME IDEA OF THE USES AND USERS OF CURRENTLY PUBLISHED STATISTICS AS INDICATORS OF THE FUTURE ROLE AND SCOPE OF STATE GENERATED STATISTICAL COMPILATIONS. DATA COLLECTED FROM PUBLISHED SOURCES, CORRESPONDENCE AND INTERVIEWS WITH LIBRARIANS IN THE THREE STATE LIBRARIES, AND QUESTIONNAIRE-CHECKLISTS SENT TO OVER 400 PUBLIC LIBRARIANS LED TO THE RECOMMENDATIONS THAT (1) THE STATE LIBRARY GIVE PRIORITY TO COLLECTING AND REPORTING STATISTICAL INFORMATION FOR PUBLIC LIBRARIES ONLY, (2) STATE LIBRARIANS INVESTIGATE THE POSSIBILITY OF A NATIONAL SYSTEM FOR PUBLIC LIBRARY STATISTICS, (3) THE STATE LIBRARIES PUBLISH SALARY STATISTICS, (4) THE STATE LIBRARY PREPARE INDEXES FOR VARIOUS SERVICES AND ACTIVITIES ON STATEWIDE DATA, (5) THE STATE LIBRARY CONCENTRATE ON PRESENTING IN DETAIL STATISTICS IN "EXTREMELY USEFUL" AREAS, AND (6) THE STATE LIBRARY ESTABLISH A POSITION OF RESEARCH AND STATISTICS CONSULTANT. THIS DOCUMENT IS AVAILABLE FREE ON REQUEST FROM THE ILLINOIS STATE LIBRARY, CENTENNIAL BUILDING, SPRINGFIELD, ILLINOIS, 62706. (AUTHOR/CC)

ED 020 762 52 LI 000 818

STUDY TO DEVELOP A RESEARCH PROGRAM FOR THE DESIGN DEVELOPMENT OF MODERN COLLEGE LIBRARIES. FINAL REPORT.

HISTORICAL EVALUATION AND RESEARCH ORGANIZATION

REPORT NUMBER BR-7-C-031

PUB DATE 15 MAR 68

CONTRACT OEC-1-7-070031-5137

EDRS PRICE MF-$0.50 HC-$4.40 108P.

DESCRIPTORS— *COLLEGE LIBRARIES, *INFORMATION SYSTEMS, *LIBRARY FACILITIES, *LIBRARY RESEARCH, *LIBRARY SERVICES, EDUCATIONAL FACILITIES, LIBRARY EQUIPMENT, SYSTEMS ANALYSIS,

THIS STUDY FORMULATES A RESEARCH PROGRAM TO FACILITATE THE ESTABLISHMENT OF LIBRARIES FOR SMALL LIBERAL ARTS COLLEGES USING MODERN LIBRARY METHODS AND TECHNOLOGY AND NEW TECHNIQUES OF INFORMATION STORAGE, RETRIEVAL AND TRANSFER. AS A RESULT OF INTERVIEWS WITH LIBRARIANS AND OTHERS IN THE UNITED STATES AND EUROPE AND FROM A REVIEW OF CURRENT LITERATURE, AREAS IN WHICH FURTHER RESEARCH IS NEEDED ARE DEFINED AS (1) SYSTEMS ANALYSIS AND DESIGN, (2) NEW TECHNOLOGY AND TECHNIQUES, (3) COORDINATION OF ADMINISTRATION AND USER-ORIENTED SERVICE, (4) INTERRELATIONSHIP OF EDUCATION, INFORMATION AND LIBRARY SERVICES, AND (5) POTENTIALITIES OF INFORMATION STORAGE AND RETRIEVAL. NEW EDUCATIONAL CONCEPTS AND TECHNIQUES AFFECTING LIBRARIES INCLUDE MORE INDEPENDENT STUDY, INTEGRATION OF ACADEMIC DISCIPLINES, AUDIO-TUTORIAL TEACHING METHODS, LEARNING CENTERS, AND THE LIBRARY-COLLEGE. THE AMBIGUOUS RELATIONSHIPS OF NON-BOOK INFORMATION MEDIA–AUDIO-VISUAL, REPROGRAPHIC, MINIATURIZED, AND AUTOMATED–TO THE COLLEGE LIBRARY REQUIRE CLARIFICATION. THE OBJECTIVES OF EDUCATION, THE ROLE OF THE LIBRARY AND THE LIBRARIAN, COORDINATION WITH THE FACULTY IN BOOK SELECTION, BUDGET PROBLEMS, POTENTIALITIES OF THE COMPUTER, INTERLIBRARY COOPERATION, COST EFFECTIVENESS, AND DECENTRALIZATION VS. CONSOLIDATION, ARE PROBLEMS THAT NEED STUDY AS A BASIS FOR DEVELOPMENT OF A NEW COLLEGE LIBRARY. A DETAILED OUTLINE OF A RESEARCH PROGRAM IN INCLUDED. (AUTHOR)

ED 020 763 LI 000 823

CASEY, GENEVIEVE M.

LIBRARY SERVICES IN NEW JERSEY STATE INSTITUTIONS, A SURVEY WITH RECOMMENDATIONS.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J.

NEW JERSEY STATE LIBRARY, TRENTON

PUB DATE MAR 68

EDRS PRICE MF-$0.50 HC-$4.56 112P.

DESCRIPTORS— *CORRECTIVE INSTITUTIONS, *LIBRARY FACILITIES, *LIBRARY SERVICES, *LIBRARY SURVEYS, *REHABILITATION CENTERS, INSTITUTIONS, LIBRARIES, LIBRARY COLLECTIONS, MENTALLY RETARDED, NEW JERSEY, PHYSICALLY HANDICAPPED,

TWENTY EIGHT STATE INSTITUTIONS AND THIRTEEN COUNTY INSTITUTIONS FOR THE MENTALLY ILL AND TUBERCULAR WHICH RECEIVE 50 PERCENT OF THEIR SUPPORT FROM THE STATE ARE INCLUDED IN THIS SURVEY OF INSTITUTIONAL LIBRARIES. DATA COLLECTED FROM FIELD VISITS AND QUESTIONNAIRES ON LIBRARY COLLECTIONS, PERSONNEL, PHYSICAL FACILITIES, SERVICES AND BUDGET FOR RESIDENT, STAFF, AND SCHOOL LIBRARIES ARE COMPARED WITH THE STANDARDS IN (1) "OBJECTIVES AND STANDARDS FOR LIBRARIES IN CORRECTIONAL INSTITUTIONS" (APPROVED BY THE AMERICAN LIBRARY ASSOCIATION AND THE AMERICAN CORRECTIONAL ASSOCIATION) AND (2) "HOSPITAL LIBRARIES OBJECTIVES AND STANDARDS," (APPROVED BY THE AMERICAN LIBRARY ASSOCIATION, THE AMERICAN MEDICAL ASSOCIATION, AND THE AMERICAN HOSPITAL ASSOCIATION.) THE REPORT ALSO ESTIMATES COSTS FOR BRINGING SERVICE UP TO THE STANDARDS, PROPOSES ALTERNATE ADMINISTRATIVE PATTERNS FOR LIBRARY SERVICE IN NEW JERSEY INSTITUTIONS, AND PROPOSES A PLAN FOR PHASING IN THE IMPROVEMENT OF LIBRARY SERVICE. (CC)

ED 020 764 LI 000 825

EISNER, JOSEPH

SUGGESTED RECOMMENDATIONS FOR INTERLIBRARY COOPERATION IN THE STATE OF NEW JERSEY.

LIBRARY CONSULTANT SERVICE, PLAINVIEW, N.Y.

NEW JERSEY STATE LIBRARY, TRENTON

PUB DATE 9 FEB 68

EDRS PRICE MF-$0.25 HC-$1.36 32P.

DESCRIPTORS— *INTERLIBRARY LOANS, *LIBRARIES, *LIBRARY COOPERATION, *LIBRARY PROGRAMS, *LIBRARY SERVICES, NEW JERSEY, PROGRAM PROPOSALS,

THIS REPORT PRESENTS RECOMMENDATIONS FOR IMPLEMENTING THE PROGRAMS PROPOSED IN "LIBRARIES FOR THE PEOPLE OF NEW JERSEY," BY LOWELL A. MARTIN AND MARY V. GAVER (NEW JERSEY LIBRARY ASSOCIATION, LIBRARY DEVELOPMENT COMMITTEE, NOVEMBER, 1964.) RECOMMENDATIONS COVER (1) INTERLIBRARY COOPERATION ACTIVITIES TO BE UNDERTAKEN AMONG AREA LIBRARIES, (2) INTERLIBRARY COOPERATION ACTIVITIES TO BE UNDERTAKEN IN THE ASSIGNED AREA OF THE AREA LIBRARY, (3) PATTERNS OF COOPERATION BETWEEN AREA LIBRARIES AND THE RESEARCH LIBRARIES, WITH CONSIDERATION OF THE ROLE OF THE REFERENCE REFERRAL CENTER, AND (4) THE ROLE THE STATE LIBRARY AGENCY SHOULD ASSUME. RECOMMENDATIONS ARE BASED ON INFORMATION GATHERED FROM PERSONAL INTERVIEWS, A PERUSAL OF RELEVANT DOCUMENTS, AND A REVIEW OF THE LITERATURE ON INTERLIBRARY COOPERATION. (CC)

ED 020 765 24 LI 000 831

KURLAND, NORMAN D. SARGENT, SHIRLEY

A FEASIBILITY STUDY TO DETERMINE NEED AND FUNCTION OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT PUBLICATIONS. FINAL REPORT.

STATE UNIV. OF N.Y., ALBANY

REPORT NUMBER BR-6-8645

PUB DATE JUN 67

GRANT OEG-1-6-068645-2221

EDRS PRICE MF-$0.75 HC-$6.40 158P.

DESCRIPTORS— *INFORMATION CENTERS, *INFORMATION PROCESSING, *INFORMATION SOURCES, *PUBLICATIONS, *STATE DEPARTMENTS OF EDUCATION, EDUCATIONAL RESOURCES INFORMATION CENTER, ERIC, FEASIBILITY STUDIES, INFORMATION DISSEMINATION, INFORMATION SYSTEMS,

THE OBJECTIVES OF THE STUDY WERE TO DETERMINE (1) THE VOLUME AND NATURE OF STATE EDUCATION AGENCY DOCUMENTS THAT MIGHT BE INCLUDED IN THE ERIC SYSTEM, AND (2) THE MOST EFFECTIVE METHOD OF COLLECTING, SELECTING AND ABSTRACTING THESE DOCUMENTS FOR THE ERIC SYSTEM INCLUDING THE FEASIBILITY OF ESTABLISHING A CLEARINGHOUSE FOR THIS PURPOSE. CRITERIA TO BE USED BY STATE DEPARTMENTS OF EDUCATION IN SELECTING DOCUMENTS WERE DEVELOPED AND A "TRIAL RUN CLEARINGHOUSE" ESTABLISHED TO RECEIVE THESE DOCUMENTS. THE REPORT CONTAINS A COMPLETE LISTING OF THE 1,854 DOCUMENTS SUBMITTED TO THIS CLEARINGHOUSE AND THEIR DISPOSITION TO THE ERIC CLEARINGHOUSES. AN ADDENDUM (LI 000 832) BRINGS THIS REPORT UP TO DATE AND QUESTIONS, IN VEIW OF THE SMALL NUMBER OF STATE AGENCY PUBLICATIONS INCLUDED IN "RESEARCH IN EDUCATION," THE NEED FOR A PERMANENT CLEARINGHOUSE. (RP)

ED 020 766 24 LI 000 863

SCHILLER, ANITA R.

CHARACTERISTICS OF PROFESSIONAL PERSONNEL IN COLLEGE AND UNIVERSITY LIBRARIES. FINAL REPORT.

ILLINOIS UNIV., URBANA, LIBRARY RESEARCH CENTER

REPORT NUMBER BR-5-0919

PUB DATE MAY 68

CONTRACT OEC-6-10-200

EDRS PRICE MF-$0.75 HC-$5.24 129P.

DESCRIPTORS— *COLLEGE LIBRARIES, *INDIVIDUAL CHARACTERISTICS, *LIBRARIANS, *PROFESSIONAL PERSONNEL, *UNIVERSITY

LIBRARIES, ACADEMIC RANK (PROFESSIONAL), LIBRARY EDUCATION, LIBRARY SKILLS, SALARIES, SAMPLING, STATISTICAL SURVEYS,

THE OBJECTIVES OF THIS SURVEY WERE TO DESCRIBE THE CHARACTERISTICS OF LIBRARIANS EMPLOYED ON THE STAFFS OF THE MORE THAN 2,000 HIGHER EDUCATIONAL INSTITUTIONS IN THE UNITED STATES IN 1966-67, AND TO IDENTIFY AND EXAMINE RELEVANT MANPOWER ISSUES. THE REPORT IS BASED ON THE RESPONSES OF 2,282 INDIVIDUALS, OR 93 PERCENT OF 2,459 SAMPLED FULL-TIME EMPLOYEES. GEOGRAPHIC ORIGIN, AGE, MARITAL AND FAMILY STATUS, PROFESSIONAL AND ACADEMIC DEGREES HELD, PRESENT POSITIONS, ACADEMIC STATUS AND RANK, AND SALARIES ARE REPORTED FOR ALL ACADEMIC LIBRARIANS, AND FOR MEN AND WOMEN. DATA FROM OTHER RELEVANT STUDIES ARE USED TO INDICATE TRENDS AND COMPARISONS. OPINIONS OF LIBRARY CAREER AND OF SALARY ARE REPORTED. MAJOR MANPOWER ISSUES ARE SEEN AS-THE IMPORTANCE OF CHALLENGING WORK AS A CHARACTERISTIC OF THE LIBRARY CAREER, RECOGNITION OF SPECIAL PROBLEMS IN LIBRARIANSHIP WHERE WOMEN ARE A NUMERICAL MAJORITY, NEED TO ELIMINATE DISCRIMINATION, IMPORTANCE OF FULL FACULTY STATUS FOR ACADEMIC LIBRARIANS, AND NEED FOR MORE EQUITABLE SALARIES. APPENDIX A (PAGES 93-104) CONTAINS A TECHNICAL NOTE ON SAMPLING PROCEDURES AND RESULTS BY JAMES W. GRIMM. (AUTHOR.RP)

ED 020 767 24 LI 000 864

KRIKELAS, JAMES

THE EFFECT OF ARRANGEMENT ON THE USE OF LIBRARY CATALOGS-AN EXPERIMENTAL STUDY OF A DIVIDED AND A DICTIONARY CATALOG. FINAL REPORT.

ILLINOIS UNIV., URBANA, LIBRARY RESEARCH CENTER

REPORT NUMBER BR-7-E-014

PUB DATE OCT 67

GRANT OEG-3-7-070014-1630

EDRS PRICE MF-$0.75 HC-$6.60 163P.

DESCRIPTORS— *CATLOGS, *COMPARATIVE ANALYSIS, *DICTIONARY CATALOGS, *DIVIDED CATALOGS, *LIBRARIES, INFORMATION STORAGE, LIBRARY SCIENCE,

THE PURPOSE OF THE STUDY WAS TO DETERMINE IF DIVIDING A TRADITIONAL DICTIONARY CATALOG TO CREATE A SEPARATE FILE FOR SUBJECT ENTRIES WOULD RESULT IN MORE EFFECTIVE USE OF LIBRARY CATALOGS. A SET OF SEARCH QUESTIONS WAS DEVELOPED AS THE DATA COLLECTION INSTRUMENT. TWO CATALOGS-THE UNIVERSITY OF ILLINOIS' DICTIONARY CATALOG AND THE UNIVERSITY OF WISCONSIN'S CATALOG DIVIDED INTO SUBJECT AND NON-SUBJECT ENTRIES-WERE SELECTED AND THE APPROPRIATE SECTIONS VERIFIED AS TO SIMILARITY OF SIZE AND COMPLEXITY. PARTICIPANTS WERE UNDERGRADUATE STUDENTS RANDOMLY SELECTED AT THE TWO UNIVERSITIES. EFFECTIVE USE OF THE CATALOG WAS MEASURED BY A MEAN SUCCESS SCORE REPRESENTING THE ABILITY OF PARTICIPANTS TO SELECT APPROPRIATE SUBJECT REFERENCES IN RESPONSE TO QUESTIONS. IT IS CONCLUDED THAT FOR A SERIES OF QUESTIONS REPRESENTING DIFFERENT LEVELS OF DIFFICULTY AND FOR A FARILY LIMITED RANGE OF CATALOG USE HABITS AND ABILITY, CHANGE IN THE ARRANGEMENT OF LARGE CATALOGS WOULD NOT RESULT IN MORE EFFECTIVE USE. THERE IS ALSO NO EVIDENCE TO INDICATE THAT ONE TYPE OF CATALOG IS SUPERIOR TO THE OTHER. THIS DOCUMENT WAS SUBMITTED AS A PH.D. THESIS UNDER THE TITLE "THE EFFECT OF ARRANGEMENT ON THE SUCCESSFUL USE OF LIBRARY CATALOGS" TO THE GRADUATE COLLEGE OF THE UNIVERSITY OF ILLINOIS. (AUTHOR/CC)

ED 020 768 LI 000 867

MARTIN, LOWELL A.

BALTIMORE REACHES OUT-LIBRARY SERVICE TO THE DISADVANTAGED. DEICHES FUND STUDIES OF PUBLIC LIBRARY SERVICE, NUMBER 3.

ENOCH PRATT FREE LIBRARY, BALTIMORE, MD.

PUB DATE JUN 67

EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. 55P.

DESCRIPTORS— *CULTURALLY DISADVANTAGED, *ECONOMICALLY DISADVANTAGED, *LIBRARY SERVICES, *PUBLIC LIBRARIES, *URBAN AREAS, BALTIMORE, ENOCH PRATT FREE LIBRARY, LIBRARY COLLECTIONS, READING HABITS,

THIS DOCUMENT IS A STUDY OF THE READING POTENTIAL OF BALTIMORE'S CULTURALLY AND EDUCATIONALLY DEPRIVED AND THE ENOCH PRATT FREE LIBRARY'S ROLE IN SERVING THE DISADVANTAGED. AFTER DESCRIBING THE PRESENT CONDITIONS OF THE INNER CITY AND ITS INHABITANTS AND AFTER A BRIEF HISTORY OF PRATT'S SERVICE IN CITY AREAS, THE AUTHOR DISCUSSES CHARACTERISTICS OF READERS AND NONREADERS AND PROPOSES A PROGRAM OF LIBRARY SERVICE FOR THE DISADVANTAGED. ESTIMATING THE COST AT $500,000 FOR TWO YEARS AND ADVOCATING INTENSIVE EFFORT IN TWO DEMONSTRATION NEIGHBORHOODS, THE AUTHOR SUGGESTS THAT THE LIBRARY-(1) COMPILE A PRELIMINARY BIBLIOGRAPHY FOR AN "OPPORTUNITY LIBRARY" OF READING MATERIALS FOR THE DISADVANTAGED, (2) CREATE NEW PUBLICITY MATERIALS FOR DISTRIBUTION DIRECTLY TO SLUM AREAS, (3) CONTINUE AN INFORMATION CAMPAIGN FOR THE LIBRARY AIMED AT PERSONS OF LIMITED MEANS, (4) BEGIN SPECIAL PROGRAMS FOR CHILDREN AND YOUNG PEOPLE, (5) EXPERIMENT WITH NEIGHBORHOOD EXTENSION, AND (6) HIRE A FIELD WORKER TO DEVOTE FULL TIME TO CONTACTS IN THE TWO NEIGHBORHOODS. THIS DOCUMENT IS AVAILABLE FOR $2.00 ($1.60 EACH FOR 10 OR MORE) FROM PUBLICATIONS ASSISTANT, ENOCH PRATT FREE LIBRARY, 400 CATHEDRAL STREET, BALTIMORE, MARYLAND 21201. (CC)

ED 020 769 LI 000 871

HECKART, RHUA, ED.

PROGRESS AND PROSPECT, A SUMMARY OF THE PROCEEDINGS OF THE SECOND ANNUAL CONFERENCE OF THE COUNCIL ON LIBRARY TECHNOLOGY (TOLEDO, MAY 23-25, 1968).

COUNCIL ON LIBRARY TECHNOLOGY

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$0.84 19P.

DESCRIPTORS— *EDUCATIONAL PROGRAMS, *LIBRARY ASSOCIATIONS, *LIBRARY EDUCATION, *LIBRARY TECHNICIANS, ALA, AMERICAN ASSOCIATION OF JUNIOR COLLEGES, AMERICAN LIBRARY ASSOCIATION, CANADA, CONFERENCE REPORTS, COUNCIL ON LIBRARY TECHNOLOGY, MANPOWER NEEDS, PROGRAM DEVELOPMENT, RECRUITMENT, SUBPROFESSIONALS,

INCLUDED IN THESE PROCEEDINGS ARE SUMMARIES OF THE SPEECHES, PANELS, AND GROUP DISCUSSIONS PRESENTED AT THE CONFERENCE HOSTED BY THE UNIVERSITY OF TOLEDO COMMUNITY AND TECHNICAL COLLEGE. THE TOPICS COVERED INCLUDE-(1) HISTORY AND BACKGROUND ON THE DEVELOPMENT OF THE COUNCIL ON LIBRARY TECHNOLOGY, (2) THE TECHNOLOGICAL GAP IN TODAY'S SOCIETY, (3) PIONEERING A LIBRARY TECHNICAL AIDE PROGRAM, (4) THE SAN FRANCISCO, CHICAGO, AND BALTIMORE CONFERENCES, (5) NATIONAL DEVELOPMENTS IN THE AREA OF LIBRARY TECHNOLOGY, (6) THE CANADIAN PROGRAM, (7) THE POSITIONS OF THE AMERICAN LIBRARY ASSOCIATION AND THE AMERICAN ASSOCIATION OF JUNIOR COLLEGES, (8) THE CURRICULUM (9) PUBLICITY AND RECRUITMENT, (10) THE EMPLOYMENT OF TECHNICIANS, AND (11) THE TEX TEC PROJECT. ALSO INCLUDED IS A SUMMARY OF THE COUNCIL OF LIBRARY TECHNOLOGY'S BUSINESS MEETING. (JB)

ED 020 770 24 PS 000 098

ROWEN, BETTY J.R.

AN EXPLORATION OF THE USES OF RHYTHMIC MOVEMENT TO DEVELOP AESTHETIC CONCEPTS IN THE PRIMARY GRADES.

COLUMBIA UNIV., NEW YORK, TEACHERS COLLEGE

REPORT NUMBER CRP-S-416

REPORT NUMBER BR-5-8253

PUB DATE 66

CONTRACT OEC-6-10-064

EDRS PRICE MF-$1.00 HC-$9.96 247P.

DESCRIPTORS— *ART ACTIVITIES, *ART EDUCATION, *EDUCATIONAL OBJECTIVES, *KINESTHETIC METHODS, *PRIMARY GRADES, ART APPRECIATION, CREATIVE DEVELOPMENT, DANCE, EDUCATIONAL ATTITUDES, EDUCATIONAL RESEARCH, FINE ARTS, INSTRUCTIONAL INNOVATION, MULTISENSORY LEARNING, POETRY, TEACHERS COLLEGE, VISUAL ARTS,

ON THE BASIS OF THE ASSUMPTIONS THAT EDUCATION NEEDS TO DEVELOP CHILDREN'S FEELINGS AS MUCH AS THEIR ABILITIES TO RETAIN FACTS AND UNDERSTAND CONCEPTS AND THAT INSTRUCTION IN THE AREA OF AESTHETICS IS POSSIBLE, THIS STUDY DESCRIBES AND EVALUATES A PROGRAM FOR PRIMARY CHILDREN IN WHICH MOVEMENT EXPLORATION IS EMPLOYED TO DEVELOP AESTHETIC CONCEPTS. A 16-WEEK PROGRAM WAS ADMINISTERED TO SOME 20 SECOND GRADE CHILDREN. THE MAIN FOCUS OF EACH OF THE SESSIONS WAS ON ONE OF FIVE PREDETERMINED COMPONENTS OF AESTHETIC EXPERIENCE-(1) THEME, (2) QUALITY OF SENSORY PERCEPTION, (3) PATTERN, (4) RHYTHM, AND (5) DOMINANCE. THE DATA WERE THE CHILDREN'S BEHAVIOR RESPONSES DURING THE PROGRAM SESSIONS, AS COLLECTED FROM TAPE-RECORDINGS, FILMS, RECORDED OBSERVATIONS, ARTWORK, AND WRITINGS. THE FINDINGS INDICATE THAT THE CHILDREN ALL RESPONDED WITH A HIGH DEGREE OF INVOLVEMENT AND GAINED IN ORIGINALITY WHILE REDUCING THEIR SELF-CONSCIOUSNESS. EACH CHILD DISPLAYED AN AREA OF PARTICULAR SENSITIVITY WHICH DEVELOPED TO A GREATER DEGREE THAN OTHER AREAS. THE STRONGEST AREA OF AESTHETIC COMPONENT RESPONSE BY THE CHILDREN WAS TO THE ACTIVITIES DEALING WITH RHYTHM. IT WAS CONCLUDED THAT THE PROGRAM DID PROVIDE AN OPPORTUNITY FOR THE CHILDREN'S INNATE SENSITIVITY TO FIND EXPRESSION AND ENCOURAGEMENT. (WD)

ED 020 771 PS 000 195

CHESTEEN, HILLIARD E. JR. AND OTHERS

EFFECTIVENESS OF THE HEAD START PROGRAM IN ENHANCING SCHOOL READINESS OF CULTURALLY DEPRIVED CHILDREN.

COMMUNITY ADVANCEMENT INC., EAST BATON ROUGE, LA.

REPORT NUMBER OEO-570

PUB DATE JUN 66

EDRS PRICE MF-$0.75 HC-$6.88 170P.

DESCRIPTORS— *CULTURALLY DISADVANTAGED, *LEARNING READINESS, *LITERATURE REVIEWS, *PRESCHOOL PROGRAMS, *PROGRAM EFFECTIVENESS, CONTROL GROUPS, CULTURAL DISADVANTAGEMENT, EDUCATIONAL RESEARCH, GRADE 1, HEAD START, INTELLIGENCE QUOTIENT, MASTERS THESES, MENTAL TESTS, SRA PRIMARY MENTAL ABILITIES TEST, TESTING,

TO STUDY THE EFFECT OF A 6-WEEK HEAD START PROGRAM ON THE SCHOOL READINESS OF 81 CULTURALLY DEPRIVED CHILDREN IN EAST BATON ROUGE PARISH, LOUISIANA, COMPARISONS WERE MADE BETWEEN HEAD START AND NONCULTURALLY DEPRIVED CHILDREN. IQ SCORES AND CULTURAL-SOCIOLOGICAL-ECONOMICAL STATUS INFLUENCE UPON SCHOOL READINESS WERE STUDIED. ALL CHILDREN INVOLVED WERE GIVEN THE PRIMARY MENTAL ABILITIES TEST (PMA), WHICH MEASURES VERBAL MEANING, NUMBER FACILITY, PERCEPTUAL SPEED, AND SPATIAL RELATIONS. PRETESTS AND POSTTESTS WERE GIVEN TO HEAD START CHILDREN. BOTH HEAD

START AND CONTROL GROUPS WERE TESTED AT THE BEGINNING, MIDDLE, AND END OF THE FIRST SCHOOL YEAR. CONTROL GROUP I (28 MIDDLE AND UPPER CLASS WHITE AND NEGRO CHILDREN, MATCHED WITH THE HEAD START GROUP BY AGE AND GEOGRAPHICAL LOCALE) WAS USED TO SEE HOW WELL HEAD START CHILDREN COULD APPROXIMATE THE SCHOOL CAPACITY OR IQ OF THE NONCULTURALLY DEPRIVED. CONTROL GROUP II WAS MADE UP OF 126 CLASSROOM PEERS. HEAD START CHILDREN SHOWED AN INCREASE IN IQ MEAN SCORES (86.56 TO 99.53) FROM THE BEGINNING OF THE PROGRAM TO THE END OF THE FIRST SCHOOL YEAR. THE GREATEST GAINS, AS MEASURED BY PMA SUBTESTS, WERE IN THE AREAS OF PERCEPTUAL SPEED AND NUMBER FACILITY. DURING THEIR FIRST TERM IN SCHOOL, GAINS WERE IN THESE SAME AREAS. THEREFORE, HEAD START HAD A POSITIVE INFLUENCE ON SCHOOL READINESS, ALTHOUGH IT DID NOT ENABLE THE CULTURALLY DEPRIVED CHILDREN TO REACH THE SCHOOL READINESS LEVEL OF THE NONCULTURALLY DEPRIVED. ABOUT 100 PAGES OF THIS THESIS ARE DEVOTED TO A DISCUSSION OF CULTURAL DEPRIVATION AND PERTINENT EDUCATIONAL LITERATURE AND THEORIES. (MS)

ED 020 772 PS 000 223

COHNSTAEDT, MARTIN L. IRONS, PETER H.

THE IMPACT OF OPERATION HEAD START ON GREENE COUNTY, OHIO, AN EVALUATION REPORT.

ANTIOCH COLL., YELLOW SPRINGS, OHIO
REPORT NUMBER OEO-572
PUB DATE FEB 66
EDRS PRICE MF-$1.25 HC-$11.92 296P.

DESCRIPTORS— *COMMUNITY INVOLVEMENT, *CULTURALLY DISADVANTAGED, *PRESCHOOL PROGRAMS, *PROGRAM EVALUATION, ADMINISTRATIVE PERSONNEL, ADMINISTRATOR ATTITUDES, DENTAL EVALUATION, HEAD START, HEALTH PERSONNEL, INTERVIEWS, MEDICAL EVALUATION, PARENT PARTICIPATION, PARENT REACTION, PRINCIPALS, QUESTIONNAIRES, TEACHER ATTITUDES, TEACHER EVALUATION,

THIS REPORT PRESENTS A DESCRIPTION OF THE IMPACT OF THE SUMMER 1965 HEAD START PROGRAM IN GREENE COUNTY, OHIO ON GROUPS OF PERSONS HAVING SOME CONTACT WITH IT. THE REPORT DOES NOT ATTEMPT TO ASSESS THE EFFECT THE PROGRAM HAD ON THE CHILDREN PARTICIPATING IN IT. INITIAL SECTIONS OF THE REPORT PROVIDE AN INTRODUCTION, DESCRIBE THE PLANNING OF THE PROGRAM, AND DESCRIBE THE PROGRAM ITSELF. SUBSEQUENT SECTIONS ASSESS THE REACTIONS OF THE FAMILIES OF PARTICIPATING CHILDREN, PERSONNEL IN AGENCIES PROVIDING SERVICES TO THE CHILDREN, PERSONNEL IN THE MEDICAL AND DENTAL PROGRAM, PARTICIPATING AND NONPARTICIPATING TEACHERS, ELEMENTARY SCHOOL PRINCIPALS, SCHOOL SUPERINTENDENTS, AND SCHOOL BOARD MEMBERS. A FINAL SECTION ASSESSES THE COUNTYWIDE IMPACT OF THE PROGRAM. SIX APPENDIXES PRESENT ADDITIONAL INFORMATION ON THE TEACHERS, QUESTIONNAIRES USED IN THE STUDY, A SUMMARY REPORT OF THE MEDICAL AND DENTAL EVALUATIONS, AND PROGRAM PLANNING MATERIALS. (DR)

ED 020 773 PS 000 228

EISENBERG, LEON AND OTHERS

BIBLIOGRAPHY OF PAPERS COVERING WORK UNDER OEO CONTRACT NUMBER 510. FINAL REPORT. (TITLE SUPPLIED).

JOHNS HOPKINS UNIV., BALTIMORE, MD.
REPORT NUMBER OEO-510
PUB DATE 24 OCT 66
EDRS PRICE MF-$0.25 HC-$0.16 2P.

DESCRIPTORS— *BIBLIOGRAPHIES, *RESEARCH PROJECTS, ACHIEVEMENT GAINS, CHILD DEVELOPMENT, CONCEPT FORMATION, CULTURALLY DISADVANTAGED, GROUP INTELLIGENCE TESTING, HEAD START, INTELLECTUAL DEVELOPMENT, INTELLIGENCE, INTELLIGENCE TESTS, LANGUAGE ABILITY, PRESCHOOL CHILDREN, PRESCHOOL PROGRAMS, PROGRAM EVALUATION, SYNTAX, TEACHER BEHAVIOR, TEST DEVELOPMENT, VERBAL ABILITY,

THIS DOCUMENT IS A BIBLIOGRAPHY OF PAPERS COVERING WORK DONE UNDER OEO CONTRACT 510. THE PAPERS ARE INDIVIDUALLY ABSTRACTED UNDER THE FOLLOWING ACCESSION NUMBERS. PS 000 983, "THE EFFECT OF HEADSTART ON DEVELOPMENTAL PROCESSES." PS 000 984, "THE EFFECT OF TEACHER BEHAVIOR ON VERBAL INTELLIGENCE IN OPERATION HEADSTART CHILDREN." PS 000 985, "A FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART." PS 000 986, "THE LIMITATIONS OF BRIEF INTELLIGENCE TESTING WITH YOUNG CHILDREN." PS 000 987, "THE JOHNS HOPKINS PERCEPTUAL TEST, THE DEVELOPMENT OF A RAPID INTELLIGENCE TEST FOR THE PRE-SCHOOL CHILD." PS 000 988, "THE SYNTACTIC STRUCTURES OF 5 YEAR OLD CULTURALLY DEPRIVED CHILDREN." PS 000 989, "LANGUAGE CONTROL IN A GROUP OF HEADSTART CHILDREN." ADDITIONAL PAPERS NOT AVAILABLE FOR ABSTRACTING ARE "CLINICAL CONSIDERATIONS IN THE PSYCHIATRIC EVALUATION OF INTELLIGENCE," "SOCIAL CLASS AND INDIVIDUAL DEVELOPMENT," "THE DEVELOPMENT OF INTELLIGENCE," "DEVELOPMENT PATTERNS OF YOUNG CHILDREN," AND "THE ROLE OF LINGUISTIC PRE-TRAINING IN CONCEPT ATTAINMENT IN YOUNG CHILDREN." (DR)

ED 020 774 PS 000 563

ROSENBERG, LEON A. STROUD, MICHAEL

THE LIMITATIONS OF BRIEF INTELLIGENCE TESTING WITH YOUNG CHILDREN.

JOHNS HOPKINS UNIV., BALTIMORE, MD.
REPORT NUMBER OEO-510
EDRS PRICE MF-$0.25 HC-$0.60 13P.

DESCRIPTORS— *ECONOMICALLY DISADVANTAGED, *INTELLIGENCE TESTS, *PRESCHOOL CHILDREN, *TEST VALIDITY, CMMS, CULTURE FREE TESTS, GRADE 1, GROUP INTELLIGENCE TESTING, HEAD START, INTELLIGENCE LEVEL, INTELLIGENCE QUOTIENT, JOHN HOPKINS PERCEPTUAL TEST, KINDERGARTEN, MENTAL RETARDATION, PPVT, RESEARCH PROJECT, SCREENING TESTS, STANFORD BINET,

A STUDY EXAMINED THE VALIDITY OF TWO BRIEF INTELLIGENCE SCALES, THE PEABODY PICTURE VOCABULARY TEST (PPVT) AND THE COLUMBIA MENTAL MATURITY SCALE (CMMS), TO SEE IF THESE TESTS OVERESTIMATED THE INCIDENCE OF INTELLECTUAL RETARDATION AMONG POVERTY AREA CHILDREN. THESE TWO TESTS AND AN EXPERIMENTAL MEASURE OF INTELLIGENCE, THE JOHNS HOPKINS PERCEPTUAL TEST (JHPT), HAD BEEN GIVEN TO 28 KINDERGARTEN CHILDREN. A SIGNIFICANTLY LESS RETARDATION INCIDENCE WAS FOUND WITH THE JHPT. ACTUAL PERCENTAGES WERE 69.56 ON THE PPVT, 17.86 ON THE CMMS, AND 3.57 ON THE JHPT. THEREFORE, AS A CRITERION MEASURE, THE STANFORD-BINET WAS ADMINISTERED TO EACH CHILD. IT WAS FOUND THAT THE CHILDREN TESTED ON A MUCH HIGHER LEVEL OF INTELLIGENCE THAN REPORTED ON THE PPVT AND CMMS, ALTHOUGH THE CMMS EXAGGERATED LESS THE DEGREE OF RETARDATION. IN THE SAME SCHOOL, A SAMPLE OF FIRST GRADE CHILDREN REPRESENTING AN ENTIRE KINDERGARTEN CLASS OF THE PREVIOUS YEAR WAS GIVEN THE PPVT, CCMS, AND THE STANDFORD-BINET. TWENTY-NINE CHILDREN PARTICIPATED. IT WAS FOUND THAT THE PPVT STILL UNDERESTIMATED INTELLIGENCE TO A STATISTICALLY SIGNIFICANT DEGREE. THE MEAN IQ SCORE INCREASED 18.86 POINTS ON PPVT PERFORMANCE, INDICATING THE INFLUENCE OF EDUCATIONAL EXPERIENCE. ALTHOUGH THE STANFORD-BINET STILL PLACED ALL CHILDREN IN THE NONRETARDED CATEGORY, THE PPVT RATED 24.14 PER CENT AND THE CMMS SCALE, 10.34 PER CENT AS RETARDED. A BRIEF CULTURE-FAIR SCREENING MEASURE IS NEEDED. (MS)

ED 020 775 PS 000 854

JOHN, VERA

COMMUNICATIVE COMPETENCE OF LOW-INCOME CHILDREN--ASSUMPTIONS AND PROGRAMS.

YESHIVA UNIV., NEW YORK, N.Y.
PUB DATE 30 MAR 67
EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *COMPENSATORY EDUCATION PROGRAMS, *EDUCATIONAL STRATEGIES, *INTERVENTION, *LANGUAGE PROGRAMS, COMPENSATORY EDUCATION, DISADVANTAGED YOUTH, EDUCATIONAL THEORIES, EDUCATIONAL TRENDS, LANGUAGE DEVELOPMENT,

TO NARROW THE LANGUAGE SKILLS GAP BETWEEN DISADVANTAGED AND MIDDLE CLASS CHILDREN IS A PRIMARY AIM OF MOST INTERVENTION PROGRAMS, ACTING ON THE THEORY THAT INCREASED LANGUAGE COMMAND LEADS TO INCREASED ABILITY IN ABSTRACT THINKING. HOWEVER, THERE IS A DIFFERENCE BETWEEN LANGUAGE AS A COMMUNICATIVE PROCESS AND LANGUAGE AS AN INTELLECTIVE PROCESS. RECOMMENDATIONS ARE THAT THE ROLE OF LANGUAGE IN THOUGHT NEEDS PRAGMATIC EXAMINATION, A SOCIOLINGUISTIC APPROACH TO LANGUAGE DEVELOPMENT SHOULD BE ATTEMPTED, AND EDUCATIONAL IDEOLOGY SHOULD BE DEVELOPED WITH A FOCUS UPON THE EDUCATION OF THE DISADVANTAGED. INTERVENTION PROGRAMS SHOULD BE REGULARLY EVALUATED AND IMPROVED AS MORE INFORMATION IS LEARNED ABOUT LANGUAGE AND COGNITIVE DEVELOPMENT. FILLING THE GAP IN LANGUAGE LEARNING IS NOT SOLELY A QUANTITATIVE MATTER. (MS)

ED 020 776 24 PS 000 928

ANDERSON, RICHARD C.

AN ANALYSIS OF A CLASS OF PROBLEM SOLVING BEHAVIOR. FINAL REPORT.

ILLINOIS UNIV., URBANA
REPORT NUMBER BR-5-0314
REPORT NUMBER CRP-2942
PUB DATE JAN 68
CONTRACT OEC-5-10-299
EDRS PRICE MF-$0.75 HC-$7.60 188P.

DESCRIPTORS— *COGNITIVE ABILITY, *CONCEPT FORMATION, *DISCOVERY PROCESSES, *ELEMENTARY SCHOOL STUDENTS, *LOGICAL THINKING, COGNITIVE DEVELOPMENT, COGNITIVE PROCESSES, FACTOR ANALYSIS, PROBLEM SOLVING, TASK ANALYSIS, TASK PERFORMANCE, TEACHING SKILLS, TRAINING TECHNIQUES,

A CONCEPT ATTAINMENT TASK IN WHICH CHILDREN ARE ASKED TO IDENTIFY A CONCEPT THROUGH DETERMINING WHICH OF A SET OF OBJECTS ARE OR ARE NOT INSTANCES OF IT WAS USED TO INVESTIGATE THEIR PROBLEM-SOLVING BEHAVIOR. OF PARTICULAR INTEREST WAS THE QUESTION OF TO WHAT EXTENT THEY USED OR LEARNED THE STRATEGY OF VARYING ONE FACTOR WHILE HOLDING ALL OTHERS CONSTANT. IN THE FIRST OF THREE EXPERIMENTS A SAMPLE OF 144 FOURTH GRADERS WERE GIVEN 24 APTITUDE TESTS AND NINE CONCEPT ATTAINMENT TASKS. OF SEVEN APTITUDE FACTORS FOUND, ONLY TWO, CALLED SPATIAL ORIENTATION AND FIGURAL ADAPTIVE FLEXIBILITY, SHOWED SIGNIFICANT CORRELATIONS WITH PROBLEM-SOLVING PERFORMANCE. THE SECOND EXPERIMENT INVESTIGATED THE EFFECT OF THE PRESENCE OR ABSENCE OF ACTUAL OBJECTS ON CHILDREN'S PERFORMANCE. A SAMPLE OF 24 THIRD OR FOURTH GRADERS WERE EACH GIVEN THREE PROBLEMS TO SOLVE. OF FOUR GROUPS, ONLY THE ONE NEVER SHOWN ANY OBJECTS PERFORMED SIGNIFICANTLY MORE POORLY. THE THIRD EXPERIMENT WAS INTENDED TO COMPARE TWO METHODS OF TEACHING THE DESIRED PROBLEM-SOLVING STRATEGY, A PART-TASK METHOD WHICH ATTEMPTED TO TEACH COMPONENT SKILLS AND A WHOLE-TASK METHOD

WHICH ATTEMPTED TO TEACH THE TOTAL SKILL. TWO GROUPS OF 18 FIRST GRADERS RECEIVED ONE OR THE OTHER FORM OF TRAINING, AFTER WHICH THEIR PERFORMANCE WAS COMPARED WITH A GROUP OF UNTRAINED FIRST GRADERS. ON RETENTION PROBLEMS THE PART-TASK GROUP WAS SIGNIFICANTLY BETTER THAN THE WHOLE-TASK GROUP, WHICH WAS IN TURN BETTER THAN THE UNTRAINED GROUP. (DR)

ED 020 777 PS 000 939

PREVENTION OF FAILURE.

NATIONAL EDUCATION ASSN., WASHINGTON, D.C.

PUB DATE 65

EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 96P.

DESCRIPTORS— *ACADEMIC FAILURE, *EARLY CHILDHOOD EDUCATION, *FAILURE FACTORS, *PREVENTION, *SELF CONCEPT, IN-SERVICE TEACHER EDUCATION, PARENT TEACHER COOPERATION, PEER ACCEPTANCE, SCHOOL COMMUNITY COOPERATION, SELF EVALUATION, STUDENT EVALUATION, STUDENT TEACHER RELATIONSHIP, TEACHER ATTITUDES, TEACHER BEHAVIOR, TEACHER EDUCATION, TEACHER PLACEMENT,

THE IMPORTANCE OF THE PREVENTION OF FAILURE IN SCHOOL IS THE MAIN THEME OF THIS PAMPHLET. THE DIFFERENT FORCES WHICH INFLUENCE THE SELF-IMAGES OF CHILDREN, THEIR SCHOOL PERFORMANCE, ACCEPTANCE OR REJECTION BY OTHER CHILDREN, AND, MOST IMPORTANT, ACCEPTANCE OR REJECTION BY THE TEACHER HERSELF, ARE DISCUSSED IN A GROUP OF PAPERS UNDER ELEVEN TITLES–(1) "WHAT MAY WE NOW BELIEVE," A PLEA FOR INNER-DIRECTED TEACHING WHICH STRESSES THE IMPORTANCE OF EACH INDIVIDUAL CHILD, (2) "REFLECTIONS ON CHILDHOOD IDENTITY AND THE SCHOOL," WHICH ASSERTS THAT THE CHILD'S SENSE OF IDENTITY IS BASED ON HIS POSITIVE OR NEGATIVE IDENTITY WITH HIS TEACHER, (3) "FACILITATING DEVELOPMENT IN THE PRESCHOOL CHILD–SOCIAL AND PSYCHOLOGICAL PERSPECTIVES," (4) "GROUPING AS A FACTOR IN FAILURE," (5) "EVALUATING CHILDREN'S GROWTH," WHICH URGES EVALUATION OF CHILDREN'S ATTITUDINAL CHANGES AS WELL AS ACADEMIC PROGRESS, (6) "THE EDUCATION OF TEACHERS," WHICH INCLUDES THE SUB-TOPICS OF TEACHER PLACEMENT, IN-SERVICE EDUCATION, AND ADMINISTRATIVE PLANNING, (7) "WHAT HARVEST WILL WE REAP," WHICH SUGGESTS THAT A POSITIVE CLIMATE AND INTELLECTUAL STIMULATION PROMOTE INDIVIDUAL DEVELOPMENT, (8) "-PARENTS CAN HELP PREVENT SCHOOL FAILURE," (9) "IMPLICATIONS FOR PARENT EDUCATION," WHICH STRESSES PARENT CONFERENCES AND PARENT SUPPORT FOR CHILDREN'S LEARNING, (10) "THE SCHOOL WITHIN THE COMMUNITY," AND (11) "TOWARD A PROGRAM TO PREVENT FAILURE." A CHECKLIST OF QUESTIONS TO BE ANSWERED IN EVALUATING ANY PARTICULAR SCHOOL. A BIBLIOGRAPHY IS ALSO INCLUDED. THIS DOCUMENT IS AVAILABLE FOR $1 FROM NEA, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (MS)

ED 020 778 PS 000 948

SHIPLEY, FERNE CARPENTER, ETHELOUISE

FREEDOM TO MOVE.

NATIONAL EDUCATION ASSN., WASHINGTON, D.C.

PUB DATE 62

EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. 34P.

DESCRIPTORS— *CHILDHOOD NEEDS, *PHYSICAL ACTIVITIES, *PHYSICAL DEVELOPMENT, CHILDREN, CHILDRENS GAMES, CLASSROOM ENVIRONMENT, CLASSROOM TECHNIQUES, DRAMATIC PLAY, PLAY THERAPY, ROLE PLAYING,

PLAY WHICH INVOLVES NATURAL MOVEMENT HELPS THE CHILD TO LEARN ABOUT THE PROPERTIES OF MATTER AND ABOUT HIMSELF. AN EXPANSIVE AND VERSATILE USE OF SPACE FOR LIVING INCREASES WITH EXPLORATION. FREEDOM TO MOVE IS INTELLECTUAL AND EMOTIONAL, AS WELL AS PHYSICAL. NEW EXPERIENCES ARISING OUT OF CURIOSITY AND INTERACTION WITH HIS OWN FAMILY AND OTHER CHILDREN HELP THE CHILD TO SORT OUT HIS FEELINGS AND RESPONSES. THEREFORE, THE CHILD NEEDS TO LEARN ABOUT THE POTENTIAL USES OF DIFFERENT PARTS OF HIS BODY THROUGH IMITATIVE MOVEMENT (OF TRAINS MOVING, BIRDS FLYING, ETC.) AND DRAMATIC PLAY. IT IS IMPORTANT TO RECOGNIZE THAT CHILDREN WILL PACE THEMSELVES IN ALTERNATING PERIODS OF MOVEMENT AND REST, IF THEIR ENVIRONMENT IS NOT TOO STRUCTURED. IN A SCHOOLROOM SITUATION CHILDREN CAN CONTROL SOME PHYSICAL MOTION WHEN THEY FEEL COMFORTABLE SOCIALLY AND ARE EXPERIENCING REWARDING MENTAL ACTIVITY. TOO RIGID A SCHEDULE OR TOO MUCH TIME PRESSURE CAN INHIBIT A CHILD'S REACTIONS AND ACTUALLY HOLD UP LEARNING. THIS DOCUMENT IS AVAILABLE FOR $0.85 FROM NEA, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (MS)

ED 020 779 PS 000 968

THORNTON, SAM M.

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, SUMMER 1967. PHASE THREE FINAL REPORT.

PUB DATE JAN 68

EDRS PRICE MF-$0.25 HC-$1.56 37P.

DESCRIPTORS— *CONSULTATION PROGRAMS, *DISADVANTAGED YOUTH, *PRESCHOOL PROGRAMS, *PSYCHOLOGICAL EVALUATION, *PSYCHOLOGICAL SERVICES, BEHAVIOR PROBLEMS, CHILD DEVELOPMENT SPECIALISTS, CHILD PSYCHOLOGY, GROUP DISCUSSION, HEAD START, PRESCHOOL CHILDREN, PROBLEM CHILDREN, PROFESSIONAL SERVICES, PSYCHOLOGICAL TESTING, SOUTH EAST MISSOURI (BOOTHEEL REGION),

A THIRD AND FINAL PHASE OF A THREE-PHASE PSYCHOLOGICAL SERVICE PROGRAM WAS COMPLETED DURING THE SUMMER OF 1967. THIS "CHILD STUDY" SERVICE WAS CARRIED OUT IN THE HEAD START CENTERS OF THE DELTA REGION OF SOUTHEAST MISSOURI. THE CHILDREN ATTENDING THE HEAD START PROGRAM WERE ABOUT EQUALLY REPRESENTED BY CAUCASIANS AND NEGROES. AN AVERAGE OF 5 YEARS OLD, THE CHILDREN CAME FROM FAMILIES OF A QUITE LOW SOCIOECONOMIC LEVEL. THE PSYCHOLOGICAL SERVICE PROGRAM WAS SUPPLEMENTARY TO THE HEAD START PROGRAM. ITS PURPOSE WAS TO MAKE COMPREHENSIVE PSYCHOLOGICAL STUDIES OF CHILDREN REFERRED TO IT BY THE HEAD START PROGRAM PERSONNEL. THE SERVICE ALSO PROVIDED AN IN-SERVICE TRAINING OPPORTUNITY FOR TEACHERS AND OTHER HEAD START PEOPLE. THE PSYCHOLOGICAL SERVICE STAFF WAS COMPOSED OF VARIOUS SPECIALISTS WHO WERE COMPETENT TO CONTRIBUTE TO THE ANALYSIS AND RESOLUTION OF THE REFERRED CHILD'S PROBLEMS. THE STAFF VISITED 23 HEAD START CENTERS AND EXAMINED 45 CHILDREN. THE EXAMINATION OR EVALUATION OF THE CHILD INVOLVED OBSERVATION, TESTING, AND DISCUSSION OF THE RESULTING DATA. ALL THOSE PROFESSIONALLY INTERESTED IN THE CHILD, THAT IS, TEACHERS, SOCIAL WORKERS, AND DOCTORS, COULD PARTICIPATE IN THE DISCUSSION SESSIONS. THESE SESSIONS PLUS NUMEROUS CASE PRESENTATION DAY SESSIONS PROVIDED THE PARTICIPANTS WITH INSIGHT AND UNDERSTANDING OF THE CHILD'S NEEDS AND WITH WAYS OF MEETING THOSE NEEDS. MOST OF THE 45 CHILDREN WERE REFERRED AS BEHAVIOR PROBLEM CHILDREN, BUT, UPON EXAMINATION, MOST OF THEM WERE FOUND TO SUFFER FROM CENTRAL NERVOUS SYSTEM PROBLEMS. (THE APPENDIX OF THIS STUDY CONTAINS A REPRESENTATIVE CHILD STUDY REPORT AND SPEECH-AND-HEARING REPORT.) (WD)

ED 020 780 PS 000 969

THORNTON, SAM M.

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, 1966-67 YEAR PROGRAM.

PUB DATE NOV 67

EDRS PRICE MF-$0.25 HC-$0.88 20P.

DESCRIPTORS— *DISADVANTAGED YOUTH, *PRESCHOOL CHILDREN, *PSYCHOLOGICAL EVALUATION, *PSYCHOLOGICAL SERVICES, *VISUAL PERCEPTION, BEHAVIOR RATING SCALES, DRAW A PERSON, EYE HAND COORDINATION, HEAD START, INTELLECTUAL DEVELOPMENT, LOW ACHIEVEMENT FACTORS, LOW INCOME GROUPS, PRESCHOOL EVALUATION, PRESCHOOL PROGRAMS, PROBLEM CHILDREN, PSYCHOLOGICAL TESTING, SOUTHEAST MISSOURI, VISUAL ACUITY,

THIS FOUR-PHASE TRANSITIONAL PSYCHOLOGICAL SERVICES PROGRAM IS PART TWO OF A THREE-PART STUDY DESIGNED TO EXAMINE AND EVALUATE CHILDREN IN HEAD START PROGRAMS IN SIX SOUTHEAST MISSOURI COUNTIES. THESE FOUR PHASES, USING 428 CHILDREN IN A 1966-1967 ACADEMIC YEAR HEAD START PROGRAM, WERE (1) CHILD OBSERVATION BY A PSYCHOLOGICAL COUNSELOR, (2) SCREENING OF CHILDREN THROUGH PSYCHOLOGICAL TESTING, (3) INDIVIDUAL EXAMINATION OF CHILDREN, AND (4) COMPLETION OF A SMALL RESEARCH PROJECT. THE SERVICE PERSONNEL VISITED TWELVE HEAD START CENTERS, WHERE THEY CONDUCTED THEIR OBSERVATION AND TESTING. THE DATA FROM THIS TESTING SHOWED THAT THE CHILDREN'S INTELLIGENCE QUOTIENT INCREASED SIGNIFICANTLY OVER THE HEAD START PROGRAM PERIOD AND THAT DISADVANTAGED CHILDREN WHO ARE INITIALLY BEHIND IN HAND-EYE MOTOR DEVELOPMENT CONTINUE TO BECOME FARTHER BEHIND. THE RESEARCH PROJECT WAS CREATED TO TEST THE EFFECT OF FROSTIG REMEDIAL MATERIALS. AN EXPERIMENTAL GROUP WAS TAUGHT BY THE FROSTIG METHOD, A METHOD KEYED TO VISUAL PERCEPTION DEVELOPMENT. A CONTROL GROUP RECEIVED THE REGULAR HEAD START PROGRAM. UPON ANALYSIS OF PRETESTS AND POSTTESTS, A SIGNIFICANT DIFFERENCE WAS FOUND BETWEEN THE TWO GROUPS, WITH THE FROSTIG GROUP PROGRESSING AN AVERAGE OF 18 1/2 MONTHS DURING THE FIRST SEMESTER AND THE CONTROL GROUP PROGRESSING LESS THAN 1 MONTH. (WD)

ED 020 781 PS 000 970

THORNDIKE, ROBERT L.

HEAD START EVALUATION AND RESEARCH CENTER, TEACHERS COLLEGE, COLUMBIA UNIVERSITY. ANNUAL REPORT (1ST), SEPTEMBER 1966-AUGUST 1967. (TITLE SUPPLIED).

COLUMBIA UNIV., NEW YORK, TEACHERS COLLEGE

PUB DATE 30 NOV 67

EDRS PRICE MF-$0.25 HC-$1.36 32P.

DESCRIPTORS— *INTERVENTION, *ITEM ANALYSIS, *PERFORMANCE CRITERIA, *PROGRAM EVALUATION, *RESEARCH PROJECTS, ACHIEVEMENT GAINS, ANNUAL REPORTS, BEHAVIOR CHANGE, BINET PRESCHOOL INVENTORY, CALDWELL SOULE PRESCHOOL INVENTORY, CONTROL GROUPS, DISADVANTAGED YOUTH, GRADE 1, HEAD START, LISTENING COMPREHENSION, MATCHED GROUPS, PRESCHOOL CHILDREN, RATING SCALES, SOCIOECONOMIC STATUS, ZIGLER BEHAVIOR INVENTORY,

COMPLETE EVALUATION DATA WERE GATHERED ON 162 CHILDREN IN 23 CLASSES IN NINE HEAD START CENTERS. FIVE AREAS EXPLORED WERE–(1) ITEM ANALYSIS OF EVALUATION TESTS–STANFORD-BINET AND THE CALDWELL-SOULE PRESCHOOL INVENTORY, (2) COMPARISON OF AGE-MATCHED GROUPS--43 MATCHED PAIRS WITHIN THE HEAD START POPULATION (THERE WERE NO SIGNIFICANT DIFFERENCES ON THE ZIGLER BEHAVIOR INVENTORY EXCEPT THAT THE CONTROL GROUP RECEIVED MORE FAVORABLE RATINGS IN THE AREA OF JEALOUSY), (3) FOLLOWUP OF CHILDREN FORMERLY ENROLLED IN A PREKINDERGARTEN PROGRAM–20 MATCHED PAIRS OF

SECOND GRADERS (DATA COLLECTED FROM SCHOOL RECORDS OF ACHIEVEMENT IN READING, WRITING, AND ARITHMETIC SHOWED NO SIGNIFICANT DIFFERENCES BETWEEN CONTROL CHILDREN AND CHILDREN WHO HAD ATTENDED PREKINDERGARTEN), (4) CHILDREN'S CONCEPTUAL DEVELOPMENT AND LANGUAGE COMPREHENSION (RESULTS INDICATED THAT WHEN VERBAL INSTRUCTIONS ARE TO BE FOLLOWED, SYNTAX, TEMPORAL ORDER OF ELEMENTS, AND SEMANTICS GUIDE CHILDREN'S ACTIONS), AND (5) EXPLORATORY WORK ON BLOCKBUILDING AS A COGNITIVE INDICATOR (PROTOCOLS WERE COLLECTED ON THE MANIPULATIVE AND VERBAL BEHAVIOR OF 100 CHILDREN). SEVEN TABLES RELEVANT TO THE ABOVE FIVE AREAS ARE INCLUDED IN THE REPORT, ALTHOUGH PORTIONS OF THE REPORT ARE NOT AVAILABLE FROM EDRS. (MS)

ED 020 782 PS 000 971

JONES, SHUELL H.

HEAD START EVALUATION AND RESEARCH CENTER, TULANE UNIVERSITY. FINAL REPORT. (TITLE SUPPLIED).

TULANE UNIV. OF LOUISIANA, NEW ORLEANS
REPORT NUMBER IED-66-1-13
REPORT NUMBER OEO-1410
PUB DATE 31 AUG 67
EDRS PRICE MF-$0.75 HC-$6.16 152P.

DESCRIPTORS— *ASSOCIATION TESTS, *LANGUAGE DEVELOPMENT, *LANGUAGE USAGE, *READING ACHIEVEMENT, *STUDENT CHARACTERISTICS, CASE STUDIES (EDUCATION), COGNITIVE DEVELOPMENT, COGNITIVE PROCESSES, COLLEGE STUDENTS, CULTURAL DISADVANTAGEMENT, GRADE 1, INTERACTION, READING TESTS, SCHIZOPHRENIA, STUDENT TEACHER RELATIONSHIP, TEACHER ATTITUDES, TEACHER CHARACTERISTICS, TEACHER EVALUATION, VOCABULARY DEVELOPMENT,

IN PROJECT I, A FREE ASSOCIATION TECHNIQUE WAS USED TO ANALYZE CHILDREN'S VOCABULARIES IN TERMS OF DERIVATIONS OF WORDS USED, THE RELATION OF WORD DERIVATIONS TO THE CHILD'S LANGUAGE LEARNING, AND THE EFFECTS OF DERIVATIONAL STRUCTURE ON COGNITION. IT WAS FOUND THAT "FREE" ASSOCIATIONS TEND TO OCCUR WITHIN "SETS" DEFINED BY WORD SOURCES. PROJECT II INVESTIGATORS USED A 50-ITEM FREE ASSOCIATION RESPONSE TEST TO TRY TO SCALE THE DEGREE OF COGNITIVE DIFFERENCE BETWEEN DIFFERENT SUBGROUPS (COLLEGE STUDENTS AND INSTITUTIONALIZED SCHIZOPHRENICS) IN TERMS OF RESPONSE OVERLAP. HOWEVER, RESPONSE DIFFERENCES DEFIED RATIONAL SYSTEMIZATION. IN PROJECT III, SIXTY 7-YEAR-OLDS AND THEIR FAMILIES (WHITES AND NEGROES WITH LOW INCOMES) TOOK PART IN A PILOT STUDY OF TEACHER-STUDENT INTERACTION AND ITS ROLE IN LEARNING. TWENTY-SIX OF THE CHILDREN WERE DIVIDED INTO THREE EXPERIMENTAL GROUPS AND ATTENDED SCHOOL FOR 6 WEEKS. THROUGH CLINICAL INTERVIEWS, THE TEACHERS' PERSONALITIES WERE EVALUATED. DURING READING CLASSES CHILDREN WERE OBSERVED AND TEACHER INTERACTION NOTED. THE 34 CONTROL CHILDREN HAD NO CLASSES. INITIALLY ALL CHILDREN WERE GIVEN A READING TEST, INTELLIGENCE TEST AND VINELAND SOCIAL MATURITY TEST. THEY WERE ALSO GIVEN POSTTESTS IN READING. THERE WAS NO STATISTICAL SIGNIFICANCE BETWEEN EXPERIMENTAL AND CONTROL GROUPS REGARDING GAIN ON READING TESTS. TEACHER INTERACTION FINDINGS SUGGEST THAT A FIRM, UNDERSTANDING TEACHER AIDS THE LEARNING PROCESS MORE THAN AN OVERLY PERMISSIVE, PERSONAL ONE. THE FIRST 48 PAGES OF THIS DOCUMENT ARE NOT AVAILABLE FROM EDRS. (MS)

ED 020 783 PS 000 974

HEINSTEIN, MARTIN

CHILD REARING IN CALIFORNIA, A STUDY OF MOTHERS WITH YOUNG CHILDREN.

CALIFORNIA STATE DEPT. OF PUBLIC HEALTH, BERKELEY
PUB DATE OCT 65
EDRS PRICE MF-$0.50 HC-$4.12 101P.

DESCRIPTORS— *CHILD REARING, *DISCIPLINE POLICY, *MOTHERS, *STATE SURVEYS, CALIFORNIA, CLUSTER GROUPING, EDUCATIONAL BACKGROUND, EDUCATIONAL STATUS COMPARISON, INFANTS, MOTHER ATTITUDES, PARENT CHILD RELATIONSHIP, PRESCHOOL CHILDREN, QUESTIONNAIRES, SAMPLING, SOCIOECONOMIC STATUS, STATISTICAL ANALYSIS,

A STUDY CONCERNED WITH THE CHILD REARING PRACTICES OF MOTHERS WITH YOUNG CHILDREN UNDER SIX WAS UNDERTAKEN TO PROVIDE NORMATIVE DATA ON BREAST-FEEDING, BOWEL TRAINING, AND DISCIPLINE AND TO RELATE THE DATA TO FAMILY SOCIOECONOMIC STATUS. FACTORS CONSIDERED WERE OCCUPATION OF THE HEAD OF THE HOUSE, LEVEL OF INCOME, AND EDUCATION OF THE MOTHER. DATA WAS COLLECTED FROM CLUSTER SAMPLES FROM TWO AREAS, THE STATE OF CALIFORNIA AND THE METROPOLITAN COUNTY OF CONTRA COSTA IN CALIFORNIA. EIGHT HUNDRED AND NINE INTERVIEWS WITH MOTHERS IN THE STATE AND 812 IN CONTRA COSTA COUNTY WERE CONDUCTED, USING A QUESTIONNAIRE WITH OPEN-ENDED QUESTIONS ON CHILD REARING PRACTICES. RESULTS OF STATISTICAL ANALYSIS OF THE DATA SHOWED THAT WOMEN WITH SOME COLLEGE EDUCATION HAD A HIGHER RATE OF STARTING TO BREAST-FEED, BEGAN BOWEL TRAINING LATER- AND WITH LESS SEVERE METHODS, AND DID NOT USE PHYSICAL PUNISHMENT AS MUCH AS OTHER MOTHERS. THE LEAST EDUCATED GROUP OF MOTHERS (LESS THAN EIGHT YEARS OF SCHOOLING) SHOWED THE SAME CHARACTERISTICS. THE AMOUNT OF EDUCATION OF MOTHERS HAD THE GREATEST INFLUENCE ON CHILD REARING PRACTICES. FAMILY INCOME WAS THE LEAST IMPORTANT SOCIOECONOMIC FACTOR. FOUR APPENDIXES INCLUDE COMPARISONS OF STATEWIDE AND CONTRA COSTA COUNTY SAMPLES, SAMPLING ERRORS, A FACSIMILE OF THE QUESTIONNAIRE, AND A BIBLIOGRAPHY. (MS)

ED 020 784 PS 000 976

ZIGLER, EDWARD AND OTHERS

COGNITIVE PROCESSES IN THE DEVELOPMENT OF CHILDREN'S APPRECIATION OF HUMOR.

YALE UNIV., NEW HAVEN, CONN.
EDRS PRICE MF-$0.25 HC-$1.00 23P.

DESCRIPTORS— *COGNITIVE PROCESSES, *COMPREHENSION, *ELEMENTARY SCHOOL STUDENTS, *PICTORIAL STIMULI, CARTOONS, CHILDRENS MIRTH RESPONSE TEST, ELEMENTARY GRADES, INTELLIGENCE LEVEL, MEDIATION THEORY, STIMULUS BEHAVIOR, THOUGHT PROCESSES,

THIS STUDY INVESTIGATED THE RELATIONSHIP BETWEEN CHILDREN'S HUMOR RESPONSE AND COGNITIVE DEVELOPMENT. BY USING CHILDREN OF DIFFERENT GRADE LEVELS AS SUBJECTS, IT WAS ASSUMED THAT THE STUDY WOULD INCLUDE SEVERAL LEVELS OF COGNITIVE DEVELOPMENT. TWENTY-FIVE CARTOONS WERE SHOWN TO 64 TEST CHILDREN. THE TEST CHILDREN WERE CHOSEN FROM GRADES TWO, THREE, FOUR, AND FIVE ON THE BASIS OF HAVING AVERAGE INTELLIGENCE AND ABILITY. EACH CHILD WAS SHOWN THE CARTOONS TWICE, ONCE TO OBTAIN THE CHILD'S SPONTANEOUS MIRTH RESPONSE AND HIS OPINION OF THE HUMOROUSNESS OF THE CARTOON AND AGAIN TO OBTAIN AN IDEA OF HIS COMPREHENSION OF THE JOKE INVOLVED. AN ANALYSIS OF THE THREE TYPES OF SCORES OBTAINED, (1) THE CHILD'S STATEMENT OF WHETHER THE CARTOON WAS FUNNY OR NOT, (2) THE CHILD'S FACIAL MIRTH RESPONSE, AND (3) THE CHILD'S COMPREHENSION SCORE, SHOWED THE EXISTENCE OF A POSITIVE RELATIONSHIP BETWEEN MIRTH RESPONSE AND DEGREE OF COMPREHENSION. AS THE COMPREHENSION OF THE CARTOONS BECAME EASIER FOR THE CHILDREN, HOWEVER, MIRTH RESPONSE DECLINED. THE MIRTH RESPONSE INCREASED FROM GRADES TWO TO FOUR BUT DECREASED FOR ALL LEVELS OF COMPREHENSION IN GRADE FIVE. THESE FINDINGS INDICATE THAT PERHAPS THE NATURE OF THE RELATIONSHIP BETWEEN HUMOR APPRECIATION AND COGNITIVE DEVELOPMENT IS SUCH THAT CARTOONS WHICH REQUIRE GREATER COGNITIVE ABILITY TO UNDERSTAND ELICIT A GREATER HUMOR RESPONSE. (WD)

ED 020 785 PS 000 981

GETZELS, J.W.

PRE-SCHOOL EDUCATION.

EDRS PRICE MF-$0.25 HC-$0.48 10P.

DESCRIPTORS— *COMPENSATORY EDUCATION, *CULTURALLY DISADVANTAGED, *EARLY CHILDHOOD EDUCATION, *ENVIRONMENTAL INFLUENCES, *PRESCHOOL EDUCATION, CHILD DEVELOPMENT, COGNITIVE DEVELOPMENT, CULTURAL ENVIRONMENT, DISADVANTAGED YOUTH, EDUCATIONAL ENVIRONMENT, EDUCATIONALLY DISADVANTAGED, ENRICHMENT, LOW ACHIEVEMENT FACTORS, PRESCHOOL CHILDREN, PRESCHOOL LEARNING, SCHOOL ORIENTATION,

THESE ISSUES SHOULD BE DISCUSSED AND RESOLVED BEFORE A LARGE-SCALE INTRODUCTION OF PRESCHOOL PROGRAMS FOR CULTURALLY DISADVANTAGED CHILDREN–(1) THE EFFECT OF ENVIRONMENT ON THE DEVELOPMENT OF SCHOOL-RELATED ABILITIES. NUMEROUS STUDIES ATTEST TO THE SIGNIFICANCE OF THE PRESCHOOL YEARS IN ESTABLISHING THE BASIC SKILLS ESSENTIAL TO SUCCESS IN SCHOOL. (2) AT WHAT AGE THE OPPORTUNITY FOR SCHOOL-RELATED EXPERIENCES MUST BE AVAILABLE IN THE ENVIRONMENT. STUDIES WITH ANIMALS AND CONGENITALLY BLIND PEOPLE GIVEN SIGHT BY OPERATION INDICATE THAT BASIC SKILLS ARE DEVELOPED QUITE EARLY. (3) THE DIFFERENCES IN THE CONTINUITY OR DISCONTINUITY OF PRESCHOOL EXPERIENCES AND SCHOOL EXPECTATIONS BETWEEN CULTURALLY DEPRIVED AND NONDEPRIVED CHILDREN. THE LANGUAGE OF THE DEPRIVED CHILD TENDS TO BE RESTRICTED IN DEVELOPMENT AND SIMPLE IN STRUCTURE. THE LANGUAGE REQUIRED BY THE SCHOOL IS RICH AND COMPLEX. THE SCHOOL REQUIRES AN ACHIEVEMENT ETHIC, WITH HIGH VALUATION ON DEFERRED GRATIFICATION AND SYMBOLIC COMMITMENT. THE LOWER CLASS CHILD HAS A SET OF VALUES BASED ON IMMEDIATE GRATIFICATION AND CONCRETE COMMITMENT. (4) THE NATURE OF COMPENSATORY PRESCHOOL EDUCATION AND SOME OF THE CURRENT PROCEDURAL ISSUES. THE PRESENT VARIETY OF TYPES OF PRESCHOOL PROGRAMS REPRESENT THREE APPROACHES–(A) SUPPLEMENTARY, (B) ACADEMIC-PREPARATORY, AND (C) COMPENSATORY. (5) SOME OF THE LONG-RANGE UNDERLYING ISSUES. SO-CALLED DISADVANTAGED CHILDREN MAY HAVE CERTAIN ASSETS AND ABILITIES WHICH MIDDLE CLASS CHILDREN DO NOT POSSESS. THESE ASSETS MAY HAVE SIGNIFICANT INTRINSIC VALUE FOR SOCIETY AS A WHOLE, BUT THEY MAY BE WIPED OUT IF IMPOSED UPON BY THE MIDDLE CLASS ORIENTED SCHOOLS. THERE ARE NUMEROUS CRITICS WHO CLAIM THAT THE SCHOOLS TODAY ARE EDUCATIONALLY DEFECTIVE. THIS ARTICLE IS A REPRINT FROM "-FOCUS," (N.D.), MASSACHUSETTS COUNCIL FOR PUBLIC SCHOOLS, INC., 16 ARLINGTON ST., BOSTON, MASS., 02116. (WD)

ED 020 786 PS 000 985

WALLER, DAVID A. CONNERS, C. KEITH

A FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART.

JOHNS HOPKINS UNIV., BALTIMORE, MD.
REPORT NUMBER OEO-510
PUB DATE 66
EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS— *ACHIEVEMENT GAINS, *CULTURALLY DISADVANTAGED, *LONGITUDINAL STUDIES, *PROGRAM EFFECTIVENESS, *TIME FACTORS (LEARNING), ACADEMIC ABILITY, ACADEMIC ENRICHMENT, BALTIMORE, COMPARATIVE ANALYSIS, COMPENSATORY EDUCATION PROGRAMS, DISADVANTAGED YOUTH, DRAW A PERSON, EDUCATIONALLY DISADVANTAGED, HEAD START, INTELLECTUAL DEVELOPMENT, INTELLIGENCE TESTS, KINDERGARTEN CHILDREN, PPVT, PRESCHOOL CHILDREN, REMEDIAL PROGRAMS,

IN A STUDY TO ASSESS THE VALUE OF A 1965 SUMMER HEAD START PROGRAM IN BALTIMORE, 83 PARTICIPATING CHILDREN WERE TESTED ON THE PEABODY PICTURE VOCABULARY TEST (PPVT) AND THE DRAW-A-PERSON (DAP), AND THEIR SCORES WERE COMPARED WITH THOSE OF A MATCHED GROUP OF CONTROL NON-HEAD START CHILDREN. ALL WERE TESTED IN SEPTEMBER 1965 (AT THE BEGINNING OF THE KINDERGARTEN YEAR) AND IN MAY 1966. THE SEPTEMBER SCORES OF THE HEAD START PUPILS WERE HIGHER THAN THOSE OF THE CONTROL PUPILS ON BOTH THE PPVT AND DAP. THE MAY SCORES SHOWED SIGNIFICANT GAINS BY BOTH GROUPS ON BOTH TESTS, AND ON THE BASIS OF THE SEPTEMBER AND MAY SCORES, IT WAS CONCLUDED THAT THE HEAD START PROGRAM DID EFFECTIVELY INCREASE THE ACADEMIC ABILITY OF THE ATTENDING CHILDREN. HOWEVER, THE MAY SCORES SHOW A NARROWING OF THE DIFFERENCE ON THE PPVT AND A WASHING-OUT OF THE DIFFERENCE ON THE DAP. IT APPEARS THAT SPECIFIC INSTRUCTIONAL ATTEMPTS MUST BE MADE IN FORMAL SCHOOLING TO MAINTAIN THE ACHIEVEMENT INCREASE REALIZED FROM THE HEAD START PROGRAM. (WD)

ED 020 787 PS 000 987

ROSENBERG, LEON A. AND OTHERS

THE JOHNS HOPKINS PERCEPTUAL TEST, THE DEVELOPMENT OF A RAPID INTELLIGENCE TEST FOR THE PRE-SCHOOL CHILD.

JOHNS HOPKINS UNIV., BALTIMORE, MD.
REPORT NUMBER OEO-510
PUB DATE APR 66
EDRS PRICE MF-$0.25 HC-$0.76 17P.

DESCRIPTORS— *CULTURE FREE TESTS, *INTELLIGENCE TESTS, *PERCEPTION TESTS, *PRESCHOOL TESTS, *TEST CONSTRUCTION, CMMS, DAP, INFORMATION THEORY, INTELLIGENCE QUOTIENT, PILOT PROJECTS, PPVT, RETARDED CHILDREN, STANFORD BINET, TEST VALIDITY,

IN ORDER TO DEVELOP AN INTELLIGENCE TEST FOR PRESCHOOL-AGE CHILDREN THAT WOULD OVERCOME SOME OF THE LIMITATIONS OF AVAILABLE TESTS, A PERCEPTUAL DISCRIMINATION TEST USING POLYGONAL FORMS HAS BEEN DESIGNED AND TESTED. THE CHILD POINTS TO ONE OF TWO, THREE, OR FIVE FORMS MATCHING A STIMULUS FORM. INITIAL TESTING WITH 44 CHILDREN RANGING IN AGE FROM 3 YEARS TO 5 YEARS 10 MONTHS SHOWED GOOD CORRELATION OF THE TEST SCORES WITH AGE AND THE RAW SCORES OF THE PEABODY PICTURE VOCABULARY TEST (PPVT). A SHORTENED TEST HAVING 30 CHOICES WAS DEVELOPED AND GIVEN TO TWENTY-TWO 4- TO 5-YEAR-OLD NURSERY SCHOOL CHILDREN. AGAIN, GOOD CORRELATIONS WITH AGE, THE PPVT, AND THE DRAW-A-PICTURE (DAP) TEST WERE OBTAINED. VALIDITY STUDIES OF THIS TEST, DESIGNATED THE JOHNS HOPKINS PERCEPTION TEST (JHPT), HAVE SO FAR INVOLVED SOME 340 CHILDREN. STATISTICALLY SIGNIFICANT CORRELATIONS OF THE SCORES ON THE JHPT WITH SCORES ON THE PPVT, THE DAP, AND THE COLUMBIA MENTAL MATURITY SCALE (CMMS) HAVE BEEN OBTAINED. A COMPARISON WAS MADE OF THE PERFORMANCE OF 37 UPPER AND 52 LOWER SOCIOECONOMIC STATUS CHILDREN ON THE JHPT, THE PPVT, AND THE DAP. THE DIFFERENCES IN MEAN SCORES BETWEEN GROUPS WAS HIGHEST FOR THE PPVT, LESS MARKED FOR THE DAP, AND STATISTICALLY INSIGNIFICANT FOR THE JHPT, SUGGESTING THAT IT MAY BE A CULTURE-FREE INSTRUMENT. THIS PAPER WAS PRESENTED AT THE EASTERN PSYCHOLOGICAL ASSOCIATION ANNUAL MEETING (NEW YORK, APRIL, 1966). (DR)

ED 020 788 PS 000 988

OSSER, HARRY

THE SYNTACTIC STRUCTURES OF 5-YEAR-OLD CULTURALLY DEPRIVED CHILDREN.

JOHNS HOPKINS UNIV., BALTIMORE, MD.
REPORT NUMBER OEO-510
PUB DATE 15 APR 66
EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *COMPARATIVE ANALYSIS, *LANGUAGE DEVELOPMENT, *LANGUAGE RESEARCH, *LINGUISTIC THEORY, *PRESCHOOL CHILDREN, COGNITIVE DEVELOPMENT, CULTURALLY DISADVANTAGED, ENVIRONMENTAL INFLUENCES, HEAD START, LANGUAGE ABILITY, MATURATION, STRUCTURAL ANALYSIS, SYNTAX, TRANSFORMATIONS (LANGUAGE),

THIS STUDY WAS MADE IN AN ATTEMPT TO DISCOVER HOW MUCH ENVIRONMENTAL STIMULATION IS NECESSARY FOR NORMAL LANGUAGE DEVELOPMENT IN CHILDREN. THROUGH ANALYSIS OF TRANSFORMATIONAL GRAMMER, THE SYNTACTIC STRUCTURES OF TWENTY 5-YEAR-OLD CULTURALLY DEPRIVED NEGRO CHILDREN IN BALTIMORE WERE COMPARED TO THOSE OF A GROUP OF MIDDLE CLASS WHITE NURSERY SCHOOL CHILDREN IN BOSTON WHO WERE SUBJECTS OF A STUDY BY PAULA MENYUK. DIALECT DIFFERENCES WERE MINIMIZED BY A CONCEPT OF FUNCTIONAL EQUIVALENCE WHICH EQUATED STATEMENTS HAVING DIFFERENT WORDS BUT THE SAME MEANING. THE TOTAL NUMBER OF SENTENCES WHICH THE CHILDREN PRODUCED IN THE EXPERIMENTAL SESSION, THE TOTAL NUMBER OF DIFFERENT SYNTACTIC STRUCTURES USED, AND AN AVERAGE SENTENCE COMPLEXITY SCORE WERE TAKEN AS INDICES OF LINGUISTIC PERFORMANCE. A SUBSTANTIAL DIFFERENCE IN STRUCTURE USE WAS FOUND BETWEEN THE TWO GROUPS, WITH THE BOSTON GROUP USING MANY MORE SYNTACTIC STRUCTURES. THE NEGRO GROUP WAS NOT HOMOGENEOUS IN PERFORMANCE BUT HAD A WIDE RANGE OF DIFFERENCE IN COMPLEXITY AND NUMBER OF SYNTACTIC STRUCTURES USED. LARGE DIFFERENCES WITHIN THE NEGRO GROUP WOULD SUGGEST THAT ENVIRONMENT PLAYS A MAJOR ROLE IN LANGUAGE DEVELOPMENT. IF LANGUAGE IS IMPLICATED IN THINKING BEHAVIOR, THEN IT IS POSSIBLE THAT THE DEGREE OF IMMATURITY IN LANGUAGE DEVELOPMENT IN EARLY CHILDHOOD IS SIGNIFICANT IN THE CHILD'S GENERAL COGNITIVE DEVELOPMENT. EXPLORATION IN THIS AREA IS CONTINUING. THE NEGRO SPEECH SAMPLE IS BEING INCREASED, AND A TABLE OF STRUCTURAL EQUIVALENTS BETWEEN STANDARD ENGLISH AND THE NONSTANDARD ENGLISH OF NEGRO CHILDREN IS BEING DEVELOPED. (MS)

ED 020 789 PS 000 989

OSSER, HARRY

LANGUAGE CONTROL IN A GROUP OF HEAD START CHILDREN.

JOHNS HOPKINS UNIV., BALTIMORE, MD.
REPORT NUMBER OEO-510
EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *LANGUAGE ABILITY, *LANGUAGE SKILLS, *LANGUAGE TESTS, *PRESCHOOL CHILDREN, *SPEECH SKILLS, BASIC SKILLS, HEAD START, LANGUAGE DEVELOPMENT, LANGUAGE PATTERNS, MORPHEMES, SOCIAL DIALECTS, SYNTAX, TRANSFORMATIONS (LANGUAGE),

TWENTY HEAD START PRESCHOOL CHILDREN WERE GIVEN THREE LANGUAGE TASKS DESIGNED TO MEASURE THEIR LANGUAGE DEVELOPMENT–(1) A PRODUCTION TASK REQUIRED THE CHILDREN TO ENGAGE IN FREE SPEECH. THE CHILDREN WERE ASKED TO ANSWER A QUESTION, TO DESCRIBE A SERIES OF PICTURES, AND TO RETELL A STORY. THE FREE SPEECH OF THE CHILDREN IN RESPONSE TO THESE SUB-TASKS WAS ANALYZED IN TERMS OF THE RANGE AND FREQUENCY OF SYNTACTIC STRUCTURES USED, THE NUMBER OF KERNEL AND TRANSFORMED SENTENCES USED, AND THE COMPLEXITY OF THE SYNTAX. THE DATA FROM THIS TASK IS NOT YET AVAILABLE. (2) AN IMITATION TASK REQUIRED THE CHILDREN TO REPEAT 20 SENTENCES USING 10 DIFFERENT SYNTACTIC STRUCTURES. EACH STRUCTURE WAS USED IN TWO SENTENCES. OF A POSSIBLE 400 CORRECT RESPONSES, 281 CORRECT RESPONSES WERE MADE. THE LENGTH OF THE SENTENCE WAS FOUND TO BE NEGATIVELY RELATED TO NUMBER OF CORRECT RESPONSES FOR ONE SET OF THE STRUCTURES. THERE WAS EVIDENCE OF MODIFICATION OF SENTENCES BY THE CHILDREN TO CONFORM THEM TO THEIR OWN LINGUISTIC SYSTEM. (3) THE SAME SENTENCES USED IN TASK NUMBER 2 WERE USED IN A COMPREHENSION TASK THAT REQUIRED THE CHILDREN, AFTER HEARING A SENTENCE, TO POINT TO THE PICTURE CORRESPONDING TO THAT SENTENCE FROM A THREE-PICTURE DISPLAY. CORRECT RESPONSES NUMBERED 266 OUT OF A POSSIBLE 400. LENGTH OF SENTENCE WAS NOT FOUND TO BE RELATED SIGNIFICANTLY TO THIS TASK. A RECOGNIZED PROBLEM IN INTERPRETING THE DATA FROM THESE TASKS IS CHOOSING CRITERIA THAT WILL RELIABLY INDICATE WHEN THE CHILD REALLY HAS CONTROL OF A PARTICULAR SYNTACTIC STRUCTURE. TOTAL CORRECT-RESPONSES, AS A CRITERION, DOES NOT INDICATE WHETHER THE CHILD CONSISTENTLY RESPONDED CORRECTLY ON A PARTICULAR SYNTACTIC STRUCTURE IN TASKS NUMBER 2 AND NUMBER 3. IF THE CONSISTENCY OF CORRECT RESPONSE CRITERION WERE USED ON THE DATA, THE TOTAL SCORE OF THE CHILDREN WOULD BE 64. (WD)

ED 020 790 PS 000 991

JOHNSON, ORVAL G. BOMMARITO, JAMES

A STUDY OF A MEASUREMENT RESOURCE IN CHILD RESEARCH, PROJECT HEAD START.

SOUTHERN ILLINOIS UNIV., EDWARDSVILLE
REPORT NUMBER OEO-2452
EDRS PRICE MF-$0.75 HC-$6.16 152P.

DESCRIPTORS— *EARLY CHILDHOOD, *MEASUREMENT INSTRUMENTS, *SURVEYS, *TEST RELIABILITY, *TESTS, ACADEMIC APTITUDE, ACHIEVEMENT TESTS, APTITUDE TESTS, ATTITUDE TESTS, EDUCATIONAL RESEARCHERS, HEAD START, INFANCY, LITERATURE REVIEWS, MEASUREMENT TECHNIQUES, PERCEPTION TESTS, PERSONALITY TESTS, RATING SCALES, SOCIAL RELATIONS, TESTING,

MEASURES OF CHILD BEHAVIOR AND CHARACTERISTICS, NOT YET PUBLISHED AS SEPARATE ENTITIES, WERE COLLECTED THROUGH A PAGE-BY-PAGE SEARCH OF ISSUES OF 46 JOURNALS (LISTED IN APPENDIX A) PUBLISHED DURING THE PERIOD OF JANUARY 1956 TO DECEMBER 1965 AND 50 RELEVANT BOOKS. CORRESPONDENCE WITH RESEARCHERS AND AUTHORS OF MEASURES YIELDED ADDITIONAL MEASUREMENT RESOURCES. AS PRESENTED IN THE REPORT, THE MEASURES WERE GROUPED INTO SIX KINDS, (1) DEVELOPMENT, ACADEMIC APTITUDE, AND ACHIEVEMENT; (2) PERSONALITY, (3) ATTITUDES, (4) SOCIAL INTERACTION AND SKILLS, (5) PERCEPTUAL SKILLS, AND (6) MISCELLANEOUS. THE LISTING FOR EACH TEST INCLUDED ITS NAME, THE AUTHOR, THE AGE OF THE POPULATION FOR WHOM IT WAS DESIGNED, THE GENERAL AREA OF INTEREST, THE TYPE OF MEASURE, AND THE SOURCE FROM WHICH A COPY OF THE MEASURE MIGHT BE OBTAINED. A DESCRIPTION OF THE MEASURE (OFTEN QUOTING ITS AUTHOR) INCLUDED SAMPLE ITEMS AND AN OUTLINE OF THE ADMINISTRATIVE AND SCORING PROCEDURES. WHEN AVAILABLE, RELIABILITY AND VALIDITY DATA WERE BRIEFLY SUMMARIZED. A BIBLIOGRAPHICAL REFERENCE WAS PROVIDED FOR EACH MEASURE. (MS)

ED 020 791 PS 000 999

FRIEDMAN, MYLES I.
REGIONAL EVALUATION AND RESEARCH CENTER FOR PROJECT HEAD START, SUPPLEMENTARY RESEARCH REPORT, SEPTEMBER 1, 1967-DECEMBER 31, 1967.
SOUTH CAROLINA UNIV., COLUMBIA
REPORT NUMBER IED-66-1-11
EDRS PRICE MF-$0.50 HC-$2.48 60P.

DESCRIPTORS— *COGNITIVE DEVELOPMENT, *DISADVANTAGED YOUTH, *PRESCHOOL LEARNING, *PROBLEM SOLVING, *RESEARCH PROJECTS, COGNITIVE ABILITY, COGNITIVE MEASUREMENT, COGNITIVE PROCESSES, COGNITIVE TESTS, COMPARATIVE ANALYSIS, EDUCATIONAL RESEARCH, EVALUATION TECHNIQUES, HEAD START, PRESCHOOL CHILDREN, TESTING PROGRAMS, TIME FACTORS (LEARNING),

IN PHASE I (OF THREE) OF A RESEARCH PROJECT, 475 SOUTHERN DISADVANTAGED CHILDREN (RANGING IN AGE FROM 3 TO 6) WERE TESTED IN AN INVESTIGATION INTO THE DESCRIPTION, DEVELOPMENT, AND SEQUENCING OF COGNITIVE ABILITIES DESIGNED TO YIELD INFORMATION ON CHILDREN'S LEARNING WITH IMPLICATIONS FOR TEACHING AND CURRICULUMS. COGNITIVE TASKS WERE SELECTED FROM MORE THAN 50 PUBLISHED MEASURING INSTRUMENTS. TESTERS WERE TRAINED TO AIM FOR A CHILD'S MAXIMUM PERFORMANCE AS THE INVESTIGATORS' OBJECT WAS TO MAKE A CONTINUUM OF PROBLEM SOLVING ABILITIES. DATA WILL BE FACTOR ANALYZED AND A MATRIX OF TETRACHORIC CORRELATION COEFFICIENTS USED. THE RELATIONSHIP OF INDIVIDUAL ITEMS TO THE FACTORS IDENTIFIED WILL BE DETERMINED. IT IS HOPED THAT ITEM SEQUENCING MAY INDICATE A PATTERN OF COGNITIVE DEVELOPMENT WHICH CAN PROVIDE A NATURAL ORDER FOR TEACHING COGNITIVE TRAITS. SEVEN APPENDIXES ARE INCLUDED WHICH GIVE DETAILED INFORMATION ABOUT TESTS AND PROCEDURES. THREE OTHER SUBPOPULATIONS OF CHILDREN WILL BE STUDIED AS PART OF THIS PROJECT. (MS)

ED 020 792 PS 001 000
JOHNSON, EDWARD E. AND OTHERS
REGIONAL EVALUATION AND RESEARCH CENTER FOR HEAD START, SOUTHERN UNIVERSITY. ANNUAL REPORT.
SOUTHERN UNIV. AND AG.AND MECHANICAL COLL.
PUB DATE 27 NOV 67
EDRS PRICE MF-$0.25 HC-$1.36 32P.

DESCRIPTORS— *DISCRIMINATION LEARNING, *PRESCHOOL CHILDREN, *REINFORCEMENT, *RESEARCH PROPOSALS, *REWARDS, COMPARATIVE ANALYSIS, CONCEPT FORMATION, CULTURALLY DISADVANTAGED, DISADVANTAGED YOUTH, HEAD START, LEARNING PROCESSES, LOW ACHIEVEMENT FACTORS, MOTIVATION, PERCEPTION, PRESCHOOL PROGRAMS, RACIAL FACTORS,

A STUDY, IN PROGRESS, IS ATTEMPTING TO DETERMINE THE INTERACTION OF VARIOUS REWARD CONDITIONS AND VARIOUS TYPES OF PRESCHOOL EXPERIENCE WITH DISCRIMINATION LEARNING. THE SUBJECTS ARE 240 4- AND 5-YEAR-OLD CHILDREN WITH THREE TYPES OF PRESCHOOL EXPERIENCE--1 TO 3 MONTHS OF HEAD START, 10 TO 12 MONTHS OF HEAD START, AND NO ATTENDANCE IN A PRESCHOOL PROGRAM. THE STUDY IS ATTEMPTING TO ASCERTAIN WHETHER OR NOT THE CULTURALLY DISADVANTAGED CHILD, SUPPOSEDLY IMMEDIATE-GRATIFICATION ORIENTED, WILL, AS A FUNCTION OF PARTICIPATION IN HEAD START, ADOPT A MORE FUTURE-RELATED PERSPECTIVE. FOUR REWARD CONDITIONS ARE BEING USED WHEN THE CHILD MAKES A CORRECT CHOICE IN THE ASSIGNED TASK--(1) A LIGHT GOES ON, (2) A PROMISE OF CANDY UPON COMPLETION OF THE EXPERIMENT, (3) AN IMMEDIATE REWARD OF CANDY, AND (4) AN IMMEDIATE REWARD OF A TOKEN WHICH CAN BE EXCHANGED LATER FOR CANDY. THE TENTATIVE RESULTS SHOW THAT THE HEAD START GROUPS LEARN THE CORRECT RESPONSE SOONER THAN THE NON-HEAD START GROUP ON CONDITIONS ONE AND TWO BUT NOT NECESSARILY ON CONDITIONS THREE AND FOUR. PART TWO OF THIS DOCUMENT PROPOSES EIGHT STUDIES TO OBTAIN INFORMATION ON WHETHER OR NOT CHILDREN OF DIFFERENT RACES PERCEIVE SIMILAR STIMULI DIFFERENTLY BECAUSE SUCH STIMULI HAVE RACIALLY RELATED ASPECTS. (WD)

ED 020 793 PS 001 002
STERN, CAROLYN LOMBARD, AVIMA
HEAD START RESEARCH AND EVALUATION OFFICE, UNIVERSITY OF CALIFORNIA AT LOS ANGELES. APPENDIX I TO THE ANNUAL REPORT, NOVEMBER 1967.
CALIFORNIA UNIV., LOS ANGELES
REPORT NUMBER IED-1-66-12
PUB DATE NOV 67
CONTRACT OEC-5-85-045
EDRS PRICE MF-$0.25 HC-$1.76 42P.

DESCRIPTORS— *COGNITIVE ABILITY, *LANGUAGE RESEARCH, *PROGRAM EVALUATION, *READING SKILLS, *VISUAL DISCRIMINATION, ACADEMIC ABILITY, AUDITORY DISCRIMINATION, COGNITIVE PROCESSES, CULTURALLY DISADVANTAGED, CURRICULUM EVALUATION, DAY CARE PROGRAMS, HEAD START, LANGUAGE HANDICAPS, LANGUAGE TESTS, MEASUREMENT TECHNIQUES, PERCEPTION, PRESCHOOL CHILDREN, PRESCHOOL LANGUAGE PROJECT, UCLA, VISUAL DISCRIMINATION INVENTORY,

THE LITERATURE ON LANGUAGE ABILITY AND ITS RELATIONSHIP TO ACADEMIC SUCCESS INCREASINGLY VOICES ALARM THAT THE CULTURALLY DISADVANTAGED ARE SERIOUSLY DEFICIENT IN LANGUAGE ABILITY. INTERVENTION PROGRAMS CREATED TO CORRECT THIS PROBLEM ALL RECOGNIZE THE IMPORTANCE OF LANGUAGE TOOLS FOR INTELLECTUAL FUNCTIONING. ESSENTIAL TO SUCH PROGRAMS, AND FREQUENTLY ABSENT FROM THEM, ARE RELIABLE MEASUREMENT TECHNIQUES FOR EVALUATING THE INTERACTION OF THE PROGRAM WITH THE CHILD'S COGNITIVE PROCESSES. THE PRESCHOOL LANGUAGE PROJECT AT THE UNIVERSITY OF CALIFORNIA AT LOS ANGELES IS CONSTRUCTING AND USING NEW MEASURING DEVICES--FOR EXAMPLE, THE VISUAL DISCRIMINATION INVENTORY (VDI). THE VDI WAS ADMINISTERED TO 291 PRESCHOOL CHILDREN TO OBTAIN DATA ON THE VISUAL DISCRIMINATION ABILITY OF THE 199 NEGRO AND 92 CAUCASIAN CHILDREN. THE CHILDREN REPRESENTED TWO LEVELS OF ECONOMIC STATUS AND RANGED IN AGE FROM 3 TO ALMOST 6. ADMINISTRATION OF THE VDI INVOLVED PRESENTING THE CHILD WITH A MODEL FIGURE AND THREE CHOICE FIGURES FROM WHICH TO SELECT THE ONE THAT MATCHED THE MODEL. AGE AND RACE APPEAR TO BE RELATED TO DISCRIMINATION ABILITY. THE VDI WAS FOUND TO HAVE BOTH RELIABILITY AND VALIDITY. THIS DOCUMENT IS COMPOSED OF TWO REPORTS. ONE WAS PRESENTED AT THE BIENNIAL MEETING OF THE SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT (NEW YORK, APRIL, 1967) AND THE OTHER, AT THE AMERICAN PSYCHOLOGICAL ASSOCIATION ANNUAL MEETING (WASHINGTON, SEPTEMBER, 1967). (WD)

ED 020 794 PS 001 003
CLINE, MARVIN DICKEY, MARGUERITE
AN EVALUATION AND FOLLOW-UP STUDY OF SUMMER 1966 HEAD START CHILDREN IN WASHINGTON, D.C.
HOWARD UNIV., WASHINGTON, D.C.
REPORT NUMBER OEO-1490
PUB DATE 68
EDRS PRICE MF-$0.50 HC-$3.32 81P.

DESCRIPTORS— *ACADEMIC ABILITY, *CULTURALLY DISADVANTAGED, *DISADVANTAGED YOUTH, *KINDERGARTEN CHILDREN, *PERFORMANCE FACTORS, BEHAVIOR INVENTORY, BEHAVIOR RATING SCALES, COGNITIVE ABILITY, COGNITIVE DEVELOPMENT, COMPARATIVE ANALYSIS, CONTROL GROUPS, DISTRIC OF COLUMBIA, HEAD START, INTELLIGENCE DIFFERENCES, INTELLIGENCE FACTORS, INTELLIGENCE QUOTIENT, INTELLIGENCE TESTS, LOW ACHIEVEMENT FACTORS, METROPOLITAN READING READINESS TEST, PPVT, PRESCHOOL CHILDREN, PRESCHOOL LEARNING, PRESCHOOL PROGRAMS, STANFORD BINET,

THE EXPERIMENTAL GROUP IN THIS STUDY WAS 112 KINDERGARTEN CHILDREN FROM 11 HEAD START CENTERS. IN ORDER TO ASSESS THE VALUE OF THE HEAD START PROGRAM, THE MEASUREMENT OF THE EXPERIMENTAL GROUP TAKEN DURING THE FALL WAS COMPARED TO A MEASUREMENT OF NON-HEAD START KINDERGARTEN CHILDREN TESTED ABOUT THE SAME TIME. AT LEAST FOUR MONTHS AFTER THE PRETESTING, POSTTESTS WERE ADMINISTERED. THE PRETEST BATTERY CONSISTED OF THE STANFORD-BINET (S-B) AND TWO FORMS OF THE PEABODY PICTURE VOCABULARY TEST (PPVT). THE POSTTEST BATTERY CONSISTED OF (1) S-B, (2) PPVT, BOTH FORMS, (3) THE BEHAVIOR INVENTORY, AND (4) THE METROPOLITAN READING READINESS TEST. THE MOST SIGNIFICANT RESULTS WERE (1) NO DIFFERENCES WERE FOUND BETWEEN THE SCORES OF THE EXPERIMENTAL GROUP AND THE SCORES OF THE CONTROL GROUP, (2) THE CHILDREN SHOWED SIGNIFICANT IMPROVEMENT BETWEEN PRETEST AND POSTTEST PERIODS ONLY ON THE RECEPTIVE FORM OF THE PPVT, (3) THE CHILDREN CONSISTENTLY DEMONSTRATED HIGHER SCORES ON THE S-B THAN ON THE RECEPTIVE PPVT, AND (4) THE PERFORMANCE OF THE KINDERGARTEN CHILDREN APPEARED TO BE AFFECTED BY WHICH SCHOOL THEY ATTENDED AND WHICH TEACHER PRESIDED IN THE CLASSROOM. ALSO 160 HEAD START CHILDREN, WHO WERE TOO YOUNG TO START KINDERGARTEN, WERE TESTED IN THEIR HOMES AND WILL BE USED FOR A FOLLOWUP STUDY. (WD)

ED 020 795 PS 001 004
YEOMANS, EDWARD
EDUCATION FOR INITIATIVE AND RESPONSIBILITY, COMMENTS ON A VISIT TO THE SCHOOLS OF LEICESTERSHIRE COUNTY, APRIL 1967. SECOND EDITION.
NATIONAL ASSN. OF INDEPENDENT SCHOOLS, BOSTON
PUB DATE FEB 68
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CLASS ORGANIZATION, *EXPERIMENTAL PROGRAMS, *INDEPENDENT STUDY, *INTEGRATED ACTIVITIES, *PROGRAM DESCRIPTIONS, CHILD RESPONSIBILITY, CLASS MANAGEMENT, CLASSROOM ENVIRONMENT, CLASSROOM MATERIALS, EDUCATIONAL OBJECTIVES, EDUCATIONAL STRATEGIES, ELEMENTARY SCHOOL TEACHERS, ELEMENTARY SCHOOLS, GROUPING (INSTRUCTIONAL PURPOSES), INDIVIDUAL ACTIVITIES, INDIVIDUAL STUDY, INTEGRATED DAY, LEICESTERSHIRE, RETRAINING, SELF DIRECTED CLASSROOMS, TEACHING TECHNIQUES,

THE LEICESTERSHIRE COUNTY (ENGLAND) EDUCATIONAL PROGRAM PROVIDES A LEARNING ATMOSPHERE IN WHICH EACH PUPIL CHOOSES HIS OWN ACTIVITIES AND WORKS IN A GIVEN SUBJECT AREA UNTIL HE IS READY TO CHANGE ACTIVITIES. THE SCHOOL SYSTEM HAS DROPPED THE TRADITIONAL ELEVEN-PLUS EXAMINATION, DESIGNED TO SELECT HIGHLY ABLE STUDENTS (ABOUT 1/5) FOR ACADEMIC PROGRAMS. INSTEAD, PUPIL MOTIVATION IS BASED ON INDIVIDUAL INVOLVEMENT. THE TEACHER SEES THAT CHILDREN HAVE OPPORTUNITIES TO TRY A VARIETY OF ACTIVITIES, HAS PROGRAMMED LESSONS READY TO SATISFY THE NEEDS OF THE MOST ADVANCED PUPILS, AND OBSERVES AND NOTES WORK PERFORMANCE. SHE SELECTS MATERIALS AND APPROACHES TO LEARNING WHICH SHE FEELS ARE RELEVANT. THERE IS NO ESTABLISHED FORMULA FOR THE SCHOOLS, HOWEVER. THERE ARE DIFFERENCES FROM SCHOOL TO SCHOOL AND EVEN FROM ROOM TO ROOM. EXPONENTS OF THE LEICESTERSHIRE PROGRAM SUGGEST THAT A MAJOR BENEFIT IS THE STUDENT'S

MORE POSITIVE ATTITUDE TOWARDS SECONDARY SCHOOL. SIMILAR METHODS OF INDIVIDUALIZED TEACHING MAY BE EFFECTIVE IN DEVELOPING COUNTRIES AS WELL AS IN AMERICA. FIVE APPENDIXES INCLUDE TEACHER DISCUSSIONS OF THE INTEGRATED DAY, VERTICAL GROUPING, OBSERVATIONS OF AN INFANT SCHOOL DIRECTOR, SUGGESTED READING ON THE LEICESTERSHIRE PROJECT, AND RECOMMENDED EQUIPMENT. THIS MONOGRAPH IS NO. 13 IN A SERIES OF STUDIES INITIATED BY THE COMMITTEE ON EDUCATIONAL PRACTICES OF THE NATIONL ASSOCIATION OF INDEPENDENT SCHOOLS. IT IS AVAILABLE FOR $1.00 FROM NATIONAL ASSOCIATION OF INDEPENDENT SCHOOLS, 4 LIBERTY SQUARE, BOSTON, MASSACHUSETTS 02109. (MS)

ED 020 796 **PS 001 007**

DERSHOWITZ, ZACHARY

INFLUENCES OF CULTURAL PATTERNS ON THE THINKING OF CHILDREN IN CERTAIN ETHNIC GROUPS. A STUDY OF THE EFFECT OF JEWISH SUB-CULTURE ON THE FIELD-DEPENDENCE-INDEPENDENCE DIMENSION OF COGNITION.

NEW YORK UNIV., N.Y., SCH. OF EDUCATION

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *COGNITIVE DEVELOPMENT, *CULTURAL FACTORS, *JEWS, *SOCIAL INFLUENCES, *SUBCULTURE, CHILD DEVELOPMENT, CHILD REARING, CULTURAL BACKGROUND, CULTURAL DIFFERENCES, ENVIRONMENTAL INFLUENCES, ETHNIC GROUPS, FAMILY INFLUENCE, LOW ACHIEVEMENT FACTORS, PERCEPTION, PERFORMANCE FACTORS, PROTESTANTS, THOUGHT PROCESSES, VERBAL ABILITY, VERBAL DISEMBEDDING TEST,

THIS PAPER IS CONCERNED WITH THE RELATIONSHIP BETWEEN ETHNIC OR OTHER SUBGROUP MEMBERSHIP AND THE INDIVIDUAL'S COGNITIVE STYLE. THE COGNITIVE STYLE CHOSEN FOR INVESTIGATION HERE IS THAT OF FIELD-DEPENDENCE OR INDEPENDENCE. THE TWO ETHNIC-RELIGIOUS SUBCULTURES INVESTIGATED WERE JEWISH AND WHITE ANGLO-SAXON PROTESTANT. IT WAS HYPOTHESIZED THAT JEWISH CHILDREN, BECAUSE OF THE VALUES AND FAMILY STRUCTURE OF THEIR CULTURE, WOULD BE MORE FIELD-DEPENDENT. APPROXIMATELY 50 JEWISH CHILDREN OF AN AVERAGE AGE OF 10.9 YEARS FROM A BACKGROUND OF HIGH JEWISH ACCULTURATION AND 30 WHITE PROTESTANT CHILDREN OF AN AVERAGE AGE OF 10.2 YEARS WERE ADMINISTERED FOUR TESTS, WHICH INVOLVED (1) PERCEPTUAL, (2) INTELLECTUAL, (3) FIGURE DRAWING, AND (4) VERBAL DISEMBEDDING TASKS. THE SCORES OF THE TWO GROUPS WERE COMPARED WITH EACH OTHER AND WITH SCORES OF OTHER CHILDREN OF ANOTHER STUDY. THE DATA ANALYSIS REVEALED THAT THE JEWISH GROUP WAS THE MOST FIELD-DEPENDENT, AS HYPOTHESIZED. IT DOES NOT APPEAR, HOWEVER, THAT FIELD-DEPENDENCE EXTENDS TO VERBAL MATTERS FOR THE JEWISH GROUP. IT IS CONCLUDED THAT DIFFERENCES AMONG THESE GROUPS ARE NOT LIMITED TO CONTENT, BUT EXTEND TO THE WAY IN WHICH THE ENVIRONMENT IS PERCEIVED. THE DIFFERENCE DIMINISHES AS ETHNICITY DIMINISHES. THIS DOCUMENT IS AVAILABLE IN MICROFILM FOR $3.05 AND IN XEROX COPY FOR $10.60 (234P.), ORDER NUMBER 67-109, FROM UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN 48103. (WD)

ED 020 797 **PS 001 009**

HALL, VERNON C. AND OTHERS

VARIABLES AFFECTING THE PERFORMANCE OF YOUNG CHILDREN ON A LETTER DISCRIMINATION TASK.

SYRACUSE UNIV., N.Y.

PUB DATE DEC 67

EDRS PRICE MF-$0.25 HC-$0.52 11P.

DESCRIPTORS— *DISCRIMINATION LEARNING, *KINDERGARTEN CHILDREN, *PERCEPTION, *VISUAL DISCRIMINATION, ATTENTION, JAMESVILLE, NEW YORK, PERFORMANCE FACTORS, REINFORCEMENT, SENSORY TRAINING,

THE PURPOSE OF THIS STUDY WAS TO DETERMINE THE RELATIVE INFLUENCE OF FIVE VARIABLES (INITIAL INSTRUCTIONS, REWARD, LETTER SIZE, TYPE OF WARM-UP, AND FEEDBACK) ON KINDERGARTEN CHILDREN'S PERFORMANCE OF A LETTER DISCRIMINATION TASK. IT HAS BEEN ARGUED THAT ATTENTION IS THE KEY FACTOR IN LETTER DISCRIMINATION. THE PRESENT STUDY PROPOSES THAT A PRECONDITION TO SUCCESS BY CHILDREN IN LETTER DISCRIMINATION IS HAVING AN ADEQUATE CONCEPT OF "SAMENESS." THAT IS, IF THE CHILD IS NOT AWARE OF WHAT THE EXPERIMENTER MEANS BY THE WORDS "SAME" AND "DIFFERENT" IN A DISCRIMINATION TASK, ATTENTION IS ALMOST IRRELEVANT. EIGHTY KINDERGARTEN PUPILS WERE DIVIDED INTO FIVE TEST CONDITIONS TO PERFORM THE DISCRIMINATION TASK. THE TASK METHODOLOGY CONSISTED OF PRESENTING A SINGLE LETTER ON THE LEFT SIDE OF A PIECE OF PAPER AND FOUR ROWS OF TEN LETTERS ON THE RIGHT SIDE. AMONG THESE 40 LETTERS WERE FIVE LETTERS IDENTICAL TO THE SINGLE LETTER, FIVE MOST LIKELY TO BE CONFUSED WITH THE SINGLE LETTER, AND 30 ADDITIONAL LETTERS. THE CHILD WAS ASKED TO IDENTIFY THE LETTERS IN THE FOUR ROWS THAT MATCHED THE SINGLE LETTER. THIS METHOD REPRESENTED TEST CONDITION ONE. THE REMAINING FOUR CONDITIONS WERE ESSENTIALLY THE SAME AS CONDITION ONE EXCEPT FOR VARIATIONS IN SCORING INSTRUCTION GIVEN (CONDITION TWO), USE OF REWARD (CONDITIONS THREE AND FIVE), AND TYPE OF WARM-UP (CONDITION FOUR). THE RESULTS SHOWED THAT NEITHER VARIATION OF LETTER SIZE NOR SCORING INSTRUCTIONS HAD AN EFFECT ON PUPIL PERFORMANCE. THE FEEDBACK WAS EFFECTIVE, FOR IT HELPED THE PUPIL DEVELOP THE CONCEPT OF "SAMENESS" NECESSARY TO MAKE THE DISCRIMINATION. (WD)

ED 020 798 **PS 001 010**

MORRISON, COLEMAN HARRIS, ALBERT J.

GRADE EQUIVALENT COMPARISONS BETWEEN DISADVANTAGED NEGRO URBAN CHILDREN WITH AND WITHOUT KINDERGARTEN EXPERIENCE WHEN TAUGHT TO READ BY SEVERAL METHODS.

CITY UNIV. OF NEW YORK, DIV. OF TEACHER EDUCATION

EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *BEGINNING READING, *DISADVANTAGED YOUTH, *LANGUAGE EXPERIENCE APPROACH, *READING INSTRUCTION, *READING PROGRAMS, COMPARATIVE ANALYSIS, CRAFT PROJECT, CULTURALLY DISADVANTAGED, METROPOLITAN ACHIEVEMENT TEST, PRIMARY GRADES, READING ABILITY, READING ACHIEVEMENT,

THIS STUDY IS PART OF THE CRAFT READING PROJECT OF THE NEW YORK PUBLIC SCHOOL SYSTEM WHICH IS INVESTIGATING THE READING PROGRESS OF DISADVANTAGED URBAN NEGRO CHILDREN. IN THE PRESENT STUDY, CHILDREN IN GRADES ONE, TWO, AND THREE, WITH AND WITHOUT PREVIOUS KINDERGARTEN EXPERIENCE, WERE TAUGHT READING BY TWO BASIC METHODS, EACH DIVIDED INTO TWO SUBMETHODS. ONE BASIC METHOD WAS THE SKILLS-CENTERED METHOD, DIVIDED INTO (1) A BASAL READER METHOD, WHICH USED CONVENTIONAL BASAL READERS, AND (2) A PHONOVISUAL METHOD, WHICH COMBINED USE OF BASAL READERS WITH A PHONOVISUAL SYSTEM OF TEACHING. THE SECOND BASIC METHOD WAS THE LANGUAGE-EXPERIENCE METHOD, WHICH DEVELOPED READING MATERIALS FROM THE EXPERIENCES AND VERBALIZATIONS OF THE CHILDREN, GRADUALLY MOVING INTO INDIVIDUALIZED READING. THE RESULTS OF THIS STUDY ARE BASED ON METROPOLITAN ACHIEVEMENT TEST SCORES OF THE PUPILS OBTAINED IN GRADES TWO AND THREE OF THE ORIGINAL CRAFT PROJECT AND IN GRADE TWO OF A REPLICATION STUDY. THE PUPILS WITH KINDERGARTEN EXPERIENCE GENERALLY SCORED HIGHER THAN NONKINDERGARTEN PUPILS, ALTHOUGH SIGNIFICANT RESULTS, ON AN INDIVIDUAL TEACHING METHOD BASIS, OCCURRED CONSISTENTLY ONLY FOR THE REGULAR LANGUAGE-EXPERIENCE METHOD. ON THE BASIS OF THE TWO BASIC METHODS OF TEACHING READING, AGAIN, ONLY THE LANGUAGE-EXPERIENCE METHOD SCORES WERE CONSISTENTLY SIGNIFICANT. (WD)

ED 020 799 **PS 001 011**

ZIGLER, EDWARD

AN OVERVIEW OF RESEARCH IN LEARNING, MOTIVATION, AND PERCEPTION.

YALE UNIV., NEW HAVEN, CONN.

PUB DATE MAY 62

EDRS PRICE MF-$0.25 HC-$0.44 9P.

DESCRIPTORS— *LEARNING MOTIVATION, *MENTAL RETARDATION, *PERCEPTION, *RESEARCH NEEDS, *RETARDED CHILDREN, BEHAVIOR, LEARNING, LEARNING DIFFICULTIES, MENTALLY HANDICAPPED, MOTIVATION, RESEARCH DESIGN, RESEARCH PROBLEMS,

RESEARCH IN THE LEARNING, MOTIVATION, AND PERCEPTION OF MENTAL RETARDATES IS ESSENTIAL TO AN UNDERSTANDING OF THEIR BEHAVIOR AND OF THEIR ABILITIES. MANY INVESTIGATORS HAVE USED THE PROBLEMS AND DESIGNS OF RESEARCH WITH LOWER ANIMALS IN STUDYING THE BEHAVIOR OF HUMAN RETARDATES. IT IS QUESTIONABLE THAT SUCH ORIENTATION WILL REALLY ADD TO THE UNDERSTANDING OF MENTAL RETARDATION. ALSO, RESEARCH WITH THE MENTALLY RETARDED HAS TENDED TO TREAT THE PROCESSES OF LEARNING, MOTIVATION, AND PERCEPTION AS UNRELATED. THIS CAUSES THE RESULTS OF SUCH INVESTIGATIONS TO BE DIFFICULT TO INTERPRET AND RESTRICTED IN VALUE FOR GENERALIZATION. THERE HAVE APPEARED, HOWEVER, ENCOURAGING EXAMPLES OF NEW RESEARCH ON RETARDATION THAT ARE NOT SO NARROW, FRAGMENTARY, AND UNIMAGINATIVE. EXAMPLES OF THIS RESEARCH INCLUDE (1) A SERIES OF STUDIES INVESTIGATING THE RELATIVE SIGNIFICANCE OF CHRONOLOGICAL AGE, MENTAL AGE, AND INTELLIGENCE QUOTIENT FOR LEARNING IN RETARDED INDIVIDUALS, (2) STUDIES REEVALUATING BEHAVIORAL DIFFERENCES IN LEARNING AND PERCEPTION BETWEEN FAMILIAL AND ORGANIC RETARDATES, (3) WORK ON COMPARING THE PERFORMANCE OF INSTITUTIONALIZED AND NONINSTITUTIONALIZED RETARDATES, (4) INVESTIGATIONS OF THE RELATIONSHIP BETWEEN ABILITY TO PERFORM COMPLEX LEARNING TASKS AND ABILITY TO UTILIZE VERBAL CUES, AND (5) STUDIES ON THE EFFECT OF STIMULI FROM THE PHYSICAL ENVIRONMENT ON THE BEHAVIOR OF RETARDED CHILDREN. THIS ARTICLE WAS PUBLISHED IN "EXCEPTIONAL CHILDREN," VOLUME 28, MAY 1962. IT IS A SHORTENED VERSION OF A LONGER PRESENTATION PREPARED BY HAROLD STEVENSON AND EDWARD ZIGLER UNDER THE SPONSORSHIP OF THE COOPERATIVE RESEARCH PROGRAM OF THE OFFICE OF EDUCATION, U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE. (WD)

ED 020 800 **PS 001 012**

TEAM TEACHING IN ELEMENTARY GRADES.

EDUCATIONAL RESEARCH SERVICE, WASHINGTON, D.C.

PUB DATE DEC 65

EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. 20P.

DESCRIPTORS— *ELEMENTARY SCHOOLS, *NATIONAL SURVEYS, *NEWSLETTERS, *SCHOOL SURVEYS, *TEAM TEACHING, ELEMENTARY GRADES, PROGRAM EVALUATION, QUESTIONNAIRES, SCHOOL SYSTEMS,

INFORMATION ON THE PRACTICE OF TEAM TEACHING IN THE ELEMENTARY GRADES

DRAWN FROM A SURVEY OF SCHOOL SYSTEMS HAVING SUCH PROBLEMS IS PRESENTED IN THIS CIRCULAR. OVER 400 SCHOOL SYSTEMS WITH ENROLLMENTS OF 12,000 AND ABOVE WERE INITIALLY SURVEYED, AND THE 169 WHICH INDICATED THEY USED SOME TEAM TEACHING WERE SENT QUESTIONNAIRES. THE PROGRAMS OF 76 OF THESE SYSTEMS WERE FELT TO MEET THE DEFINITION OF TEAM TEACHING GIVEN ON THE QUESTIONNAIRE. THE NUMBER OF STUDENTS INVOLVED WAS USUALLY A SMALL FRACTION (LESS THAN 20 PERCENT) OF THE TOTAL ENROLLMENT, AND THE PRACTICE WAS MOST FREQUENTLY USED IN THE UPPER GRADES (FIVE THROUGH EIGHT). THE MOST COMMON TEAM COMPOSITION WAS TEACHERS OF DIFFERENT SUBJECTS AT THE SAME GRADE LEVEL. THE SIZE OF CLASSES WAS OFTEN ADJUSTED ACCORDING TO THE SUBJECT TAUGHT, AND MOST OF THE SCHOOLS HAD SPECIAL BUILDING FACILITIES AVAILABLE. A LIST OF ADVANTAGES AND DISADVANTAGES CLAIMED FOR TEAM TEACHING IS QUOTED FROM A RECENT ANTHOLOGY ON ELEMENTARY SCHOOL ORGANIZATION. A SUMMARY OF THE QUESTIONNAIRE DATA IS GIVEN FOR EACH OF THE 76 SYSTEMS, TOGETHER WITH SOME OF THE COMMENTS MADE BY THE RESPONDENTS. A SELECTED BIBLIOGRAPHY OF 31 ITEMS IS INCLUDED, AS IS A COPY OF THE QUESTIONNAIRE USED IN THE SURVEY. THIS DOCUMENT IS AVAILABLE FOR $1.00 FROM EDUCATIONAL RESEARCH SERVICE, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. ORDER CIRCULAR NO. 9, 1965. (DR)

ED 020 801 PS 001 014

ILIKA, JOSEPH

AGE OF ENTRANCE INTO THE FIRST GRADE AS RELATED TO ARITHMETIC ACHIEVEMENT.

LAMAR STATE COLL. OF TECHNOLOGY, BEAUMONT, TEX.

PUB DATE 7 FEB 68

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *AGE DIFFERENCES, *ARITHMETIC, *CHILD DEVELOPMENT, *LATE SCHOOL ENTRANCE, *PERFORMANCE FACTORS, ABILITY IDENTIFICATION, ACADEMIC ACHIEVEMENT, ACHIEVEMENT RATING, CALIFORNIA ACHIEVEMENT TEST, EARLY ADMISSION, ELEMENTARY SCHOOL MATHEMATICS, ELEMENTARY SCHOOL STUDENTS, GROWTH PATTERNS, PROGRESSIVE ACHIEVEMENT TEST, SEX DIFFERENCES,

THIS INVESTIGATION WAS DESIGNED TO ASSESS THE INFLUENCE OF AGE OF ENTRANCE INTO THE FIRST GRADE ON ARITHMETIC ACHIEVEMENT. THE SCORES ON ARITHMETIC ACHIEVEMENT TESTS WERE COMPARED FOR 378 LATE AND EARLY ENTRANT BOYS AND GIRLS IN THE FIRST TO SIXTH GRADES. THE LATE ENTRANTS WERE BETWEEN 8 AND 9 MONTHS OLDER THAN THE EARLY ENTRANTS. THEORETICALLY, AN EARLY START SHOULD NOT RESULT IN SIGNIFICANT GAINS OF LONG TERM DURATION. IN TESTING THIS CONCLUSION, THE ARITHMETIC ACHIEVEMENT SCORES WERE COMPARED ON THE BASIS OF BOTH GRADE AND AGE. FOR BOTH BOYS AND GIRLS, THE RESULTS SHOWED THAT, MEASURED ON THE BASIS OF GRADE, THE ARITHMETIC ACHIEVEMENT SCORES WERE HIGHER FOR THE LATE ENTRANTS, BUT, MEASURED ON THE BASIS OF EQUATED AGE, THE EARLY ENTRANTS SCORED HIGHER. THESE RESULTS SUPPORT OTHER FINDINGS IN THE AREA AND LEAD TO THE CONCLUSIONS THAT (1) PUPILS IN THE AMERICAN GRADE SCHOOLS CAN LEARN EARLIER IN LIFE THAN NOW THOUGHT, (2) THEY CAN LEARN MORE COMPLEX ARITHMETIC, AND (3) SUCH LEARNING MAY HAVE AN ENDURING CUMULATIVE EFFECT AT AGE 11. PERHAPS, AS A SUGGESTION, THE PRESENT ARITHMETIC CURRICULUM SHOULD BE REEVALUATED, FOR IT HAS TOO FREQUENTLY BEEN FOUND INSUFFICIENTLY STIMULATING TO THE PUPILS. THIS PAPER WAS PRESENTED TO THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION, (CHICAGO, FEBRUARY 7, 1968). (WD)

ED 020 802 PS 001 015

MAKING WAVES, DENVER HEAD START.

DENVER OPPORTUNITY, COLO.

PUB DATE 7 MAR 68

EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS— *CULTURALLY DISADVANTAGED, *ENRICHMENT PROGRAMS, *PARENT PARTICIPATION, *PRESCHOOL PROGRAMS, *PROGRAM DESCRIPTIONS, COLORADO, DENVER, EDUCATIONAL OBJECTIVES, HEAD START, HEALTH SERVICES, LUNCH PROGRAMS, PRESCHOOL CHILDREN, PSYCHOLOGICAL SERVICES, TEACHER AIDES, TEACHER ROLE, VOLUNTEERS,

THIS DOCUMENT PROVIDES A DESCRIPTIVE SURVEY OF PROJECT HEAD START ACTIVITIES IN DENVER, COLORADO. THE PRIMARY EDUCATIONAL OBJECTIVES OF THE PROGRAM ARE CITED AS (1) CONCEPT DEVELOPMENT THROUGH EXPERIENCES IN AN ENLARGED ENVIRONMENT, (2) SELF-CONCEPT DEVELOPMENT THROUGH SUCCESSFUL INTERACTION WITH TEACHERS AND WITH PEERS, AND (3) THE DEVELOPMENT OF LANGUAGE FACILITY. THE ROLES OF TEACHERS AND TEACHER AIDES AND THE OPPORTUNITIES FOR STAFF SELF-EVALUATION AND SELF-IMPROVEMENT ARE DESCRIBED. SUPPLEMENTARY SERVICES AVAILABLE TO PROGRAM PARTICIPANTS ARE ENUMERATED AS (1) SPEECH THERAPY, (2) MEDICAL AND DENTAL SERVICES, (3) PSYCHOLOGICAL SERVICES, AND (4) SOCIAL SERVICES. A DESCRIPTION IS PROVIDED OF THE NUTRITION PROGRAM WHICH IS OPERATED IN THE 41 DENVER HEAD START CENTERS. THE RECRUITMENT OF VOLUNTEER WORKERS AND THE IMPORTANT FUNCTION OF VOLUNTEERS IN THE OVERALL PROGRAM ARE CONSIDERED. THE ACHIEVEMENTS OF THE DENVER PROGRAM OF PARENTAL INVOLVEMENT ARE ENUMERATED, AND A UNIQUE CAMPING PROGRAM FOR PARENTS IS DESCRIBED. THE FINAL SECTION OF THIS DOCUMENT IS CONCERNED WITH THE FUTURE OF HEAD START IN DENVER. THREE APPENDIXES CONTAIN ELIGIBILITY GUIDELINES FOR HEAD START PARTICIPATION AND LISTINGS OF COORDINATING STAFF MEMBERS AND OF DENVER DELEGATE AGENCIES AND PROGRAM CENTERS. (JS)

ED 020 803 24 PS 001 045

SILVERMAN, ROBERT E. AND OTHERS

RESPONSE TO VARYING LEVELS OF CONDITIONING REWARDS. FINAL REPORT.

NEW YORK UNIV., N.Y.

REPORT NUMBER BR-6-1625

PUB DATE 30 JUN 68

GRANT OEG-1-7-061625-0187

EDRS PRICE MF-$0.25 HC-$2.24 54P.

DESCRIPTORS— *BEHAVIORAL SCIENCE RESEARCH, *CONDITIONED RESPONSE, *KINDERGARTEN CHILDREN, *RESEARCH PROJECTS, *REWARDS, ASSOCIATIVE LEARNING, COMPARATIVE TESTING, METROPOLITAN READINESS TEST, STIMULUS BEHAVIOR, UNDERACHIEVERS,

TWO EXPERIMENTS WERE CONDUCTED TO CLASSIFY AND TO CONDITION REWARD RESPONSIVENESS IN KINDERGARTEN CHILDREN. IN THE FIRST EXPERIMENT, 207 CHILDREN WITH A MEDIAN AGE OF 6.0 WERE CLASSIFIED ACCORDING TO THEIR RESPONSIVENESS TO A HIERARCHY OF REWARDS. AFTER TWO SESSIONS INVOLVING TWO-CHOICE INSTRUMENTAL CONDITIONING TASKS, 60 PERCENT OF THE CHILDREN WERE CLASSIFIED AS RESPONSIVE TO TANGIBLE REWARDS, 30 PERCENT AS RESPONSIVE TO SOCIAL APPROVAL (HALF OF WHICH WERE ALSO RESPONSIVE TO CONFIRMATION OF CORRECT RESPONSE), AND 10 PERCENT AS UNRESPONSIVE TO ANY OF THE THREE REWARDS. IN A THIRD SESSION, STIMULI WERE PAIRED TO CONDITION THE CHILDREN TO BECOME RESPONSIVE TO PREVIOUSLY NONREWARDING STIMULI. A FINAL SESSION WAS DEVOTED TO EVALUATION OF THE EFFECTIVENESS OF THE NEWLY ESTABLISHED REWARDS. DATA FROM THIS EXPERIMENT SHOWED THAT TANGIBLE REWARDS WERE MORE EFFECTIVE FOR KINDERGARTEN CHILDREN THAN WERE APPROVAL REWARDS AND THAT APPROVAL REWARDS AND CONFIRMATION OF CORRECT RESPONSES WERE EQUALLY EFFECTIVE AND POSITIVELY CORRELATED. IN THE SECOND EXPERIMENT, INVOLVING 90 KINDERGARTEN CHILDREN, IT WAS FOUND THAT A NEUTRAL WORD CAN BE CONDITIONED TO BECOME A REWARD STIMULUS AND THAT CONDITIONING IS STRENGTHENED BY A PERIOD OF REWARD DEPRIVATION. EVIDENCE WAS ALSO OBTAINED SHOWING THAT CHILDREN WHO ARE UNDERACHIEVERS TEND TO BE LOWER IN APPROVAL RESPONSIVENESS. THESE FINDINGS SUGGEST CERTAIN PROCEDURES TO BE EMPLOYED IN ESTABLISHING ACHIEVEMENT MOTIVATION AMONG KINDERGARTEN CHILDREN. DETAILED STATISTICS ARE REPORTED IN 24 TABLES. (JS)

ED 020 804 24 PS 001 046

GLASGOW, ROBERT B. HAMREUS, DALE G.

STUDY TO DETERMINE THE FEASIBILITY OF ADAPTING THE CARL ORFF APPROACH TO ELEMENTARY SCHOOLS IN AMERICA. FINAL REPORT.

OREGON COLL. OF EDUCATION, MONMOUTH

REPORT NUMBER BR-5-8263

PUB DATE 27 MAY 68

GRANT OEG-6-10-168

EDRS PRICE MF-$0.50 HC-$2.96 72P.

DESCRIPTORS— *ELEMENTARY SCHOOL STUDENTS, *FEASIBILITY STUDIES, *MUSIC EDUCATION, *MUSIC TECHNIQUES, *PROGRAM EVALUATION, BASIC SKILLS, HETEROGENEOUS GROUPING, INSTRUCTIONAL MATERIALS, MATERIAL DEVELOPMENT, POST TESTING, PRETESTING, PROGRAM ADMINISTRATION, PROGRAM EFFECTIVENESS, SKILL DEVELOPMENT, STUDENT ATTITUDES,

A STUDY WAS CONDUCTED TO DETERMINE THE FEASIBILITY OF ADAPTING FOR USE IN THE ELEMENTARY SCHOOLS OF AMERICA THE MUSIC TEACHING TECHNIQUES DEVELOPED BY THE GERMAN COMPOSER AND TEACHER, CARL ORFF. THE POPULATION OF AN ELEMENTARY SCHOOL WAS EMPLOYED IN THE STUDY. FIFTEEN STUDENTS FROM EACH CLASSROOM (TOTALING 180 STUDENTS) WERE RANDOMLY SELECTED FOR TESTING. FOLLOWING PRETESTING OF CERTAIN MUSIC SKILLS AND OF STUDENT ATTITUDES TOWARD MUSIC, A YEARLONG TEACHING PROGRAM INVOLVING THE SEQUENTIAL STEPS OF THE ORFF APPROACH WAS CONDUCTED DURING TWO 30-MINUTE PERIODS PER WEEK IN EACH OF THE CLASSES. AMERICAN VERBAL AND MUSICAL MATERIALS SUITABLE FOR USE WITH THE ORFF APPROACH WERE SUBJECTIVELY SELECTED AND WERE FOUND TO BE SUFFICIENTLY ABUNDANT. AT THE CONCLUSION OF THE SCHOOL YEAR, POSTTESTING WAS ADMINISTERED TO DETERMINE THE EFFECTS OF THE PROGRAM ON MUSIC SKILLS AND ATTITUDES. COMPARISON OF PRETEST AND POSTTEST SCORES INDICATED GAINS IN TWO OF THE FOUR BASIC MUSIC SKILLS WHICH WERE TESTED. POSITIVE GROWTH IN ATTITUDES TOWARD MUSIC DID NOT OCCUR. IT WAS GENERALLY CONCLUDED THAT THE ORFF APPROACH IS ADAPTABLE TO ELEMENTARY SCHOOL MUSIC IN AMERICA. STATISTICS ARE REPORTED IN FOUR TABLES, AND THREE APPENDIXES CONTAIN (1) MUSIC SKILLS TESTING MATERIALS, (2) ATTITUDE SCALES, AND (3) A LISTING OF SUITABLE TEACHING MATERIALS. (JS)

ED 020 805 24 PS 001 047

ALLENDER, JEROME S.

THE TEACHING OF INQUIRY SKILLS TO ELEMENTARY SCHOOL CHILDREN. FINAL REPORT.

MIAMI UNIV., OXFORD, OHIO

REPORT NUMBER BR-5-0594

PUB DATE 31 MAY 68

CONTRACT OEC-6-10-158

EDRS PRICE MF-$0.75 HC-$7.16 177P.

DESCRIPTORS— *EDUCATIONAL STRATEGIES, *ELEMENTARY SCHOOL STUDENTS, *IN-

DIVIDUAL ACTIVITIES, *INQUIRY TRAINING, *SELF DIRECTED GROUPS, INDIVIDUAL INSTRUCTION, INDIVIDUAL STUDY, INSTRUCTIONAL FILMS, INSTRUCTIONAL MATERIALS, INTERMEDIATE GRADES, MEASUREMENT TECHNIQUES, MOTIVATION TECHNIQUES, PEER TEACHING, PROGRAMED INSTRUCTION, TEACHING TECHNIQUES,

A SERIES OF EXPERIMENTS HAVE BEEN CARRIED OUT OVER A PERIOD OF 3 YEARS TO FIND MEANS FOR DESCRIBING INQUIRY BEHAVIOR IN GRADE SCHOOL STUDENTS AND TO TEST THE EFFECT OF TEACHING METHODS AND ENVIRONMENT ON THIS BEHAVIOR. INQUIRY ACTIVITY WAS TESTED BY HAVING CHILDREN PLAY THE ROLE OF A SMALL CITY MAYOR USING SPECIALLY DEVELOPED MATERIALS. THREE SEPARATE STUDIES WERE CONDUCTED. IN THE FIRST, 51 FROM THE MATERIALS. ALL WERE ABLE TO SUSTAIN INDEPENDENT ACTIVITY, BUT WIDE DIFFERENCES IN THE LEVEL OF ACTIVITY WERE OBSERVED. IN THE SECOND STUDY, 177 ADDITIONAL STUDENTS IN THE THIRD THROUGH SEVENTH GRADES WERE GIVEN ONE UNIT OF WORK. COMBINING THEIR SCORES WITH THE FIRST UNIT SCORES OF THE PREVIOUS STUDY, IT WAS FOUND THAT THERE WAS A GENERAL TENDENCY FOR INQUIRY ACTIVITY TO INCREASE WITH GRADE LEVEL, BUT THERE WERE NO SIGNIFICANT EFFECTS ATTRIBUTABLE TO SEX, INTELLIGENCE, OR READING LEVEL. IN THE THIRD STUDY, TWO EXPERIMENTS WERE CONDUCTED TO SEE IF INQUIRY BEHAVIOR COULD BE TAUGHT. THREE MEANS OF TEACHING WERE TRIED WITH 20 FIFTH GRADE CHILDREN IN THE FIRST EXPERIMENT, BUT NO EFFECT ON INQUIRY ACTIVITY WAS NOTED. A SECOND EXPERIMENT, USING A SPECIAL TRAINING CENTER, WAS CONDUCTED WITH 54 FIFTH GRADE CHILDREN, WHO WERE DIVIDED INTO THE CENTER SHOWED INCREASING INQUIRY ACTIVITY, BUT NO DIFFERENCE WAS NOTED BETWEEN TEACHER-DIRECTION OR STUDENT-DIRECTION, LEADING TO THE CONCLUSION THAT THE SPECIAL ENVIRONMENT WAS THE CRITICAL FACTOR. (DR)

ED 020 806 **PS 001 068**

BELTON, JOHN GOLDBERG, SIDNEY

PARENTS' EVALUATION OF THE HEAD START PROGRAM IN THE MILWAUKEE PUBLIC SCHOOLS.

MILWAUKEE PUBLIC SCHOOLS, WIS.

PUB DATE 66

EDRS PRICE MF-$0.25 HC-$0.44 9P.

DESCRIPTORS— *PARENT REACTIONS, *PROGRAM EVALUATION, *QUESTIONNAIRES, *SURVEYS, FAMILY INVOLVEMENT, HEAD START, MILWAUKEE (WISCONSIN) PUBLIC SCHOOLS, PARENT SCHOOL RELATIONSHIP, PRESCHOOL PROGRAMS, PROGRAM IMPROVEMENT, SUMMER PROGRAMS,

A QUESTIONNAIRE WAS ADMINISTERED TO A REPRESENTATIVE SAMPLE COMPOSED OF PARENTS OF 50 CHILDREN (TWO PUPILS RANDOMLY SELECTED FROM EACH OF 25 HEAD START CLASSES). COMPILED FROM THE QUESTIONNAIRE, STATISTICS ARE REPORTED CONCERNING (1) REASONS FOR ENROLLMENT OF CHILDREN, (2) DEGREE OF PARENT INVOLVEMENT, (3) PARENTS' PERCEPTION OF THE HELP GIVEN THEIR CHILD AND FAMILY, AND (4) PARENTS' SUGGESTIONS FOR IMPROVING THE PROGRAM. BASED ON THE REPORTED STATISTICS, IT IS CONCLUDED THAT (1) MANY PARENTS DID NOT SEEK TO INFORM THEMSELVES ABOUT THE GOALS OF THE PROGRAM, (2) PARENTAL INVOLVEMENT IN CENTER ACTIVITIES TENDED TO BE MINIMAL AND MODERATE, AND (3) PARENTS' EVALUATION OF THE PROGRAM WAS VERY POSITIVE. ALTHOUGH IT IS APPARENT THAT THE HEAD START CENTERS HAVE ESTABLISHED GOOD RAPPORT WITH THE PARENTS OF THE COMMUNITY, THE RESULTS OF THIS SURVEY SUGGEST THE NEED FOR MORE THOROUGH AND EFFECTIVE TECHNIQUES OF INFORMATION DISSEMINATION AND OF SECURING PARENTAL INVOLVEMENT IN THE PROGRAM ACTIVITIES. (JS)

ED 020 807 **RC 000 139**

HOME EDUCATION LIVELIHOOD PROGRAM IN NEW MEXICO FOR UNDEREMPLOYED SEASONAL AGRICULTURE WORKERS.

HOME EDUC. LIVELIHOOD PROGRAM, ALBUQUERQUE, N.MEX.

REPORT NUMBER GNM-8523

PUB DATE DEC 65

EDRS PRICE MF-$0.25 HC-$1.48 35P.

DESCRIPTORS— *ADULT EDUCATION, *AGRICULTURAL LABORERS, *ECONOMIC DISADVANTAGEMENT, *FAMILY (SOCIOLOGICAL UNIT), *VOCATIONAL EDUCATION, AMERICAN INDIANS, BASIC SKILLS, COMMUNITY DEVELOPMENT, DAY CARE SERVICES, EDUCATION SERVICE CENTERS, MEXICAN AMERICANS, MIGRANT CHILDREN, MIGRANTS, MIGRATION PATTERNS, POVERTY PROGRAMS, REMEDIAL INSTRUCTION, SPANISH AMERICANS,

THE HOME EDUCATION LIVELIHOOD PROGRAM (HELP) IN NEW MEXICO PROVIDES EDUCATIONAL OPPORTUNITIES TO ECONOMICALLY DISADVANTAGED SPANISH AMERICAN AND MEXICAN AMERICAN AGRICULTURAL WORKERS. THE BASIS OF THE HELP PROGRAM IS ADULT AND FAMILY EDUCATION INCLUDING BASIC CHILD CARE AND REMEDIAL INSTRUCTION. HELP PRODUCES SOME OF ITS OWN INSTRUCTIONAL MATERIALS GEARED FOR ADULT EDUCATION USES. COMMUNITY EDUCATION CENTERS PROVIDE BASIC EDUCATION CLASSES, HOME ECONOMICS AND MANUAL SKILLS INSTRUCTION, DAY CARE SERVICES, AND HOT LUNCH PROGRAMS. REMAINING FUTURE AREAS OF NEED IN NEW MEXICO INCLUDE DEVELOPMENT OF VOCATIONAL TRAINING SKILLS, AGRICULTURAL COOPERATIVES, AND BUSINESS ENTERPRISES IN UNDERDEVELOPED COMMUNITIES. (JEH)

ED 020 808 **RC 000 176**

HUGHES, JOHN F.

REPORT ON CONFERENCES ON SPECIAL EDUCATIONAL PROGRAMS FOR MIGRATORY CHILDREN OF MIGRATORY AGRICULTURAL WORKERS.

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE

PUB DATE SE P66

EDRS PRICE MF-$0.25 HC-$1.16 27P.

DESCRIPTORS— *CONFERENCES, *EDUCATIONAL PROGRAMS, *LEGISLATION, *MIGRANT CHILDREN, *MIGRANT EDUCATION, ECONOMIC OPPORTUNITY ACT TITLE 3, ELEMENTARY EDUCATION, MIGRANT WORKERS, NEEDS, OEO, OFFICE OF ECONOMIC OPPORTUNITY, PL 98 10 TITLE I, SECONDARY EDUCATION,

REGIONAL CONFERENCES ON SPECIAL EDUCATIONAL PROGRAMS FOR MIGRATORY CHILDREN WERE CONDUCTED BETWEEN JUNE 23 AND 30, 1966, IN WASHINGTON D.C., DENVER, AND SAN FRANCISCO. THE PURPOSE OF THE MEETINGS WAS TO DISCUSS THE PROVISIONS OF THE PENDING MIGRANT AMENDMENT TO TITLE I OF P.L. 89-10, THE ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965, AND ALTERNATE WAYS TO DEVELOP PROGRAMS FOR MIGRATORY CHILDREN UNDER TITLE I. INCLUDED ARE AN OVERVIEW OF TITLE I AND THE WORKING GUIDELINES OF THE PROPOSED AMENDMENT. ALSO DISCUSSED ARE PROBLEMS ENCOUNTERED IN DEFINING MIGRANTS AND OBTAINING ACCURATE DATA ON THEIR NUMBERS, INTERSTATE AND INTRASTATE MIGRANT PROGRAMS, SUGGESTIONS FOR STATE PROGRAMS, AND COORDINATION OF PROJECTS TO AVOID DUPLICATION. REPORTS ON CURRENT MIGRANT EDUCATION PROGRAMS ARE INCLUDED FOR 28 STATES. (RB)

ED 020 809 **RC 000 224**

SELECTED REFERENCES ON MIGRANT CHILDREN'S EDUCATION.

NATIONAL COMMITTEE ON THE EDUC. OF MIGRANT CHILD.

PUB DATE 65

EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *BIBLIOGRAPHIES, *EDUCATIONAL PROGRAMS, *MIGRANT CHILDREN, *MIGRANT EDUCATION, CULTURALLY DISADVANTAGED, CURRICULUM DEVELOPMENT, EDUCATIONAL OPPORTUNITIES, EDUCATIONAL PROBLEMS, EDUCATIONALLY DISADVANTAGED, PARENT EDUCATION, SOCIAL PROBLEMS, STATE PROGRAMS, SUMMER PROGRAMS, TEACHER QUALIFICATIONS,

EIGHTEEN REFERENCES PUBLISHED BETWEEN 1964 AND 1965 ARE LISTED IN THIS BIBLIOGRAPHY ON THE EDUCATION OF MIGRANT CHILDREN. EMPHASIS IS ON EDUCATIONAL PROGRAMS AT BOTH STATE AND LOCAL LEVELS. FIVE REPORTS ARE LISTED ON MIGRANT EDUCATION RESEARCH. (JEH)

ED 020 810 **RC 000 317**

HOWE, HAROLD, II

COWBOYS, INDIANS, AND AMERICAN EDUCATION.

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE

PUB DATE 25 APR 68

EDRS PRICE MF-$0.25 HC-$0.68 15P.

DESCRIPTORS— *AMERICAN CULTURE, *CULTURAL BACKGROUND, *CULTURE, *INSTRUCTION, *MEXICAN AMERICANS, ANGLO AMERICANS, CHILDREN, EDUCATION, ENGLISH, FEDERAL AID, FOREIGN RELATIONS, HEW, LANGUAGES, LEADERSHIP, SPANISH, STATE AID, USOE,

THE SCHOOLS ARE ACCUSED OF HAVING FAILED IN EDUCATING THE MEXICAN AMERICAN CHILD. ONE OF THE MAIN REASONS UNDERLYING THIS FAILURE IS ATTRIBUTABLE TO AN ANGLO AMERICAN POINT OF VIEW WHICH DISCOURAGES DIVERSE CULTURES IN OUR SOCIETY. THIS SAME POINT OF VIEW REFLECTS THE NOTION THAT THE AMERICAN CULTURE IS SUPERIOR TO ALL OTHER CULTURAL BACKGROUNDS. IT IS SUGGESTED THAT MEXICAN AMERICAN CHILDREN MUST LEARN THE ENGLISH LANGUAGE BUT SHOULD NOT HAVE TO REJECT THEIR KNOWLEDGE OF THE SPANISH LANGUAGE OR MEXICAN AMERICAN CUSTOMS. IT IS FURTHER SUGGESTED THAT CLASSROOM INSTRUCTION BE CONDUCTED IN OTHER LANGUAGES. REASONING FOR THIS APPROACH IS THE IMPROVEMENT OF OUR FOREIGN AND DOMESTIC RELATIONS. IN ORDER FOR THE SCHOOLS TO PROMOTE RESPECT FOR DIVERSE CULTURES, THEY MUST HAVE LEADERSHIP AND PROPER DIRECTION IN THE USE OF ADDITIONAL MONEY BEING MADE AVAILABLE THROUGH FEDERAL AND STATE AID. THIS ADDRESS WAS DELIVERED BEFORE THE NATIONAL CONFERENCE ON EDUCATIONAL OPPORTUNITIES FOR MEXICAN-AMERICANS (AUSTIN, APRIL 25, 1968). (JS)

ED 020 811 **RC 000 363**

RAVITZ, MEL

RURAL IN-MIGRATION AND URBAN ASSIMILATION.

NATIONAL COMMITTEE FOR CHILDREN AND YOUTH

PUB DATE SEP 63

EDRS PRICE MF-$0.25 HC-$0.80 18P.

DESCRIPTORS— *ACCULTURATION, *MIGRATION, *RURAL POPULATION, *SCHOOL ROLE, *URBAN AREAS, CITIZEN PARTICIPATION, COMPENSATORY EDUCATION, CULTURAL DIFFERENCES, DROPOUTS, INTELLIGENCE TESTS, MOTIVATION, TEACHER EDUCATION, TEACHER ROLE,

PROBLEMS POSED BY THE MIGRATION OF LARGE NUMBERS OF RURAL PEOPLE TO LARGE URBAN CENTERS ARE DISCUSSED, AS WELL AS WAYS TO ASSIMILATE THE CULTURES OF URBAN RESIDENTS AND RURAL INMIGRANTS. THESE METHODS INCLUDE COMPENSATORY EDUCATION, UNDERSTANDING OF CULTURAL DIFFERENCES, AND ENCOURAGING CITIZEN PARTICIPATION IN THE COMMUNITY. THE ROLES OF BOTH THE TEACHER AND THE SCHOOL IN THIS PROCESS ARE DISCUSSED. THIS PAPER WAS PREPARED FOR THE NATIONAL CONFERENCE ON PROBLEMS OF RURAL YOUTH IN A CHANGING ENVIRONMENT (SEPTEMBER 1963). (CL)

ED 020 812 RC 000 405
FELDHUSEN, JOHN F. AND OTHERS
EAU CLAIRE COUNTY STUDY, PHASE II 1964-65.
WISCONSIN STATE DEPT. OF PUBLIC WELFARE, MADISON
REPORT NUMBER NIMH-GNO-2-R11-672-04
PUB DATE 30 APR 65
EDRS PRICE MF-$1.00 HC-$10.12 251P.
DESCRIPTORS— *CHILDHOOD ATTITUDES, *DISCIPLINE, *DISCIPLINE POLICY, *INTERVIEWS, *PROBLEM CHILDREN, DELINQUENCY IDENTIFICATION, DELINQUENT BEHAVIOR, DELIQNUENCY PREVENTION, DISADVANTAGED ENVIRONMENT, DISADVANTAGED YOUTH, DISCIPLINE PROBLEMS, FLINT YOUTH STUDY, HEALTH NEEDS, MEASUREMENT TECHNIQUES, PARENT PARTICIPATION, PARENT SCHOOL RELATIONSHIP, PARENTAL BACKGROUND, POLICE SCHOOL RELATIONSHIP, POTENTIAL DROPOUTS, RATING SCALES, RURAL EDUCATION, RURAL FAMILY,

THE EAU CLAIRE COUNTY YOUTH STUDY INVOLVED 384 STUDENTS CLASSIFIED ON THE BASES OF DOMICILE (RURAL OR URBAN), AND BEHAVIOR IN THE CLASSROOM (SOCIALLY APPROVED OR DISAPPROVED). A BATTERY OF TESTS, INTERVIEWS, AND OBSERVATIONS FOCUSED ON THE DELINQUENCY PRONENESS, PSYCHOLOGICAL ADJUSTMENT, AND FAMILY BACKGROUND OF THE CHILDREN. THE FINDINGS OF THIS STUDY CONFIRMED EARLIER RESULTS THAT THERE EXISTS A HIGH POSITIVE CORRELATION BETWEEN DELINQUENCY PRONENESS AND CLASSROOM BEHAVIOR. RESULTS INDICATED THAT THOSE CHILDREN WHO EXHIBITED DISAPPROVED CLASSROOM BEHAVIOR AND WHO WERE DELINQUENCY PRONE WERE CHARACTERIZED AS HAVING INADEQUATELY DEVELOPED RESPONSE MECHANISMS TO QUERIES BY TEACHERS AND PEERS, AS SEEING ADULTS FROM A NEGATIVE VIEWPOINT, AND AS USUALLY WATCHING EXCESSIVE AMOUNTS OF TELEVISION AT THE EXPENSE OF STUDY TIME. THE STUDY CONCLUDED THAT THE SCHOOL MUST ASSUME THE RESPONSIBILITY OF PROVIDING COMPENSATION THROUGH ENRICHED CURRICULUM FOR DISADVANTAGES WITH WHICH THE CHILD MUST LIVE. RELATED DOCUMENTS ARE RC 000 557, RC 000 406, AND ED 014 335. (DA)

ED 020 813 RC 000 490
LAMANNA, RICHARD A. SAMORA, JULIAN
RECENT TRENDS IN EDUCATIONAL STATUS OF MEXICAN-AMERICANS IN TEXAS.
PUB DATE 10 DEC 65
EDRS PRICE MF-$0.25 HC-$1.00 23P.
DESCRIPTORS— *EDUCATIONAL STATUS COMPARISON, *ETHNIC GROUPS, *MEXICAN AMERICANS, *MINORITY GROUPS, *STATISTICAL DATA, AGE DIFFERENCES, ARIZONA, ATTENDANCE, CALIFORNIA, CENSUS FIGURES, COLORADO, CONFERENCES, COUNTY SCHOOL SYSTEMS, CULTURAL BACKGROUND, GEOGRAPHY, NEW MEXICO, PARENTAL BACKGROUND, RESIDENTIAL PATTERNS, SEX DIFFERENCES, SPANISH SPEAKING, TEXAS,

STATISTICAL DATA OF THE 1950 AND 1960 CENSUSES ENABLES TEXAS MEXICAN-AMERICANS TO BE COMPARED EDUCATIONALLY WITH OTHER GROUPS IN TEXAS, WITH MEXICAN AMERICANS IN OTHER STATES, AND WITH TEXAS MEXICAN AMERICANS OF AN EARLIER DATE. FOR THE PURPOSE OF THIS STUDY, ALL PERSONS OF SPANISH-SURNAME ARE CONSIDERED TO BE MEXICAN AMERICAN. THE PAPER IS ORGANIZED INTO 5 MAJOR SECTIONS--(1) PAST AND PRESENT EDUCATIONAL STATUS, (2) SOME SOURCES OF VARIATION IN EDUCATIONAL STATUS, (3) CHANGES IN EDUCATIONAL STATUS OF DIFFERENT ELEMENTS OF THE POPULATION, (4) CHANGES IN EDUCATIONAL STATUS OF DIFFERENT GEOGRAPHICAL AREAS, AND (5) FUTURE TRENDS IN ABSOLUTE AND RELATIVE EDUCATIONAL STATUS. THE FOCUS THROUGHOUT IS ON THE NATURE AND MAGNITUDE OF RECENT CHANGES IN EDUCATIONAL STATUS AND ON THE PROSPECTS FOR FUTURE CHANGE. REFERENCES AND TABLES ARE INCLUDED. THIS IS A REVISED VERSION OF A PAPER PRESENTED AT THE ANNUAL CONVENTION OF THE TEXAS ACADEMY OF SCIENCE (DALLAS, DECEMBER 10, 1965). (SW)

ED 020 814 RC 000 557
BENNING, JAMES J. AND OTHERS
DELINQUENCY PRONE YOUTH--LONGITUDINAL AND PREVENTIVE RESEARCH, EAU CLAIRE COUNTY YOUTH STUDY, PHASE III, 1965-68.
WISCONSIN STATE DEPT.OF HEALTH AND SOCIAL SERVICES
REPORT NUMBER 2-R11-MH00672-07
PUB DATE 30 APR 68
EDRS PRICE MF-$1.00 HC-$8.48 210P.
DESCRIPTORS— *DELINQUENT IDENTIFICATION, *DROPOUTS, *GROUP NORMS, *LONGITUDINAL STUDIES, *SOCIALLY DEVIANT BEHAVIOR, ACHIEVEMENT RATING, AGGRESSION, DELINQUENCY CAUSES, DELINQUENT BEHAVIOR, DELINQUENTS, DISADVANTAGED YOUTH, ENVIRONMENTAL INFLUENCES, INDIVIDUAL DIFFERENCES, INTELLIGENCE DIFFERENCES, LOW ACHIEVERS, PARENT CHILD RELATIONSHIP, POLICE SCHOOL RELATIONSHIP, POTENTIAL DROPOUTS, PREDICTION, REMEDIAL READING, RURAL YOUTH, TESTING,

A FIVE-YEAR LONGITUDINAL STUDY WAS CONDUCTED OF 1550 CHILDREN, 384 OF WHOM WERE INTENSIVELY STUDIED AFTER BEING IDENTIFIED BY THEIR TEACHERS AS DEMONSTRATING SOCIALLY APPROVED OR SOCIALLY DISAPPROVED BEHAVIOR. AFTER 5 YEARS, THE SOCIALLY DISRUPTIVE GROUP OF 192 STUDENTS WAS LOWER IN ACADEMIC ACHIEVEMENT AND SOCIAL ADJUSTMENT THAN THEIR APPROVED COUNTERPARTS. THEY CONTINUED TO DISPLAY SOCIALLY DISAPPROVED CLASSROOM BEHAVIOR AND WERE IN MORE FREQUENT CONTACT WITH LAW ENFORCEMENT AGENCIES. IT WAS CONCLUDED THAT (1) TEACHER DISAPPROVAL, POOR SELF CONCEPT, AND FAILURE TO GAIN APPROVAL SCHOLASTICALLY CONTRIBUTED SIGNIFICANTLY TO THE REGRESSION OF THE CHILD THROUGH UNDERACHIEVEMENT, SCHOOL DROPOUT, DELINQUENCY, AND EVENTUAL OVERT CRIMINALITY, (2) THE TEACHER MUST MAKE CAREFUL IDENTIFICATION OF CHILDREN EXHIBITING AGGRESSIVE BEHAVIOR AND ATTEMPT TO DELINEATE ITS EXACT CAUSE, AND (3) CURRICULAR INNOVATION CAN CONTRIBUTE MARKEDLY TO A DECREASED SCHOOL DROPOUT RATE, BUT MUCH RESEARCH IS NEEDED ON NEW METHODS OF MOTIVATING AND INSTRUCTING THE SOCIALLY DISRUPTIVE STUDENT. RELATED DOCUMENTS ARE RC 000 405, RC 000 406, AND ED 014 335. (DA)

ED 020 815 RC 001 298
ISENBERG, ROBERT
INTERMEDIATE UNITS AND SMALL HIGH SCHOOLS.
NATIONAL ASSN. OF SECONDARY SCHOOL PRINCIPALS
PUB DATE FEB 66
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ADMINISTRATIVE ORGANIZATION, *EDUCATION SERVICE CENTERS, *HIGH SCHOOLS, *INTERMEDIATE ADMINISTRATIVE UNITS, *SMALL SCHOOLS, COUNSELING SERVICES, DATA PROCESSING, EXCEPTIONAL CHILD SERVICES, GUIDANCE SERVICES, LIBRARY SERVICES, MEDIA SPECIALISTS, PROFESSIONAL SERVICES, SHARED SERVICES, SPECIAL SERVICES, STATE SCHOOL DISTRICT RELATIONSHIP,

TRADITIONAL INTERMEDIATE ADMINISTRATIVE UNITS, SUCH AS STILL EXIST IN SOME COUNTY OFFICES, HAVE CONTRIBUTED LITTLE TO SECONDARY EDUCATION. THE NEW INTERMEDIATE UNITS CAN BEST BE DESCRIBED AS REGIONAL SERVICE AGENCIES, PROVIDING SERVICES WHICH SCHOOLS (ESPECIALLY SMALL SCHOOLS) CANNOT ADEQUATELY OR EFFICIENTLY PROVIDE FOR THEMSELVES. INTERMEDIATE UNIT ORGANIZATION AND ROLE ENCOURAGES INTERDISTRICT COOPERATION AND PARTICIPATION IN A WIDE VARIETY OF COOPERATIVE SERVICES. EXAMPLES OF THE SERVICES PRESENTLY BEING ADMINISTERED BY THESE UNITS ARE SPECIAL EDUCATION FOR EXCEPTIONAL CHILDREN, INSTRUCTIONAL MATERIALS CENTERS, DATA PROCESSING, CURRICULUM DEVELOPMENT, LEADERSHIP, COOPERATIVE PURCHASING, AND INSERVICE PROGRAMS. INTERMEDIATE UNITS DO NOT COMPETE WITH LOCAL OR STATE LEVEL OPERATIONS WHEN FUNCTIONS AND SOURCES OF FUNDS FOR EACH ARE CLEARLY DEFINED BY LAW. THIS ARTICLE APPEARS IN THE "NASSP BULLETIN," FEBRUARY 1966, PP.1-10. (DK)

ED 020 816 RC 001 426
RODRIGUEZ, ARMANDO
SPEAK UP, CHICANO.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
PUB DATE MAY 68
EDRS PRICE MF-$0.25 HC-$0.28 5P.
DESCRIPTORS— *CURRICULUM PROBLEMS, *ENGLISH (SECOND LANGUAGE), *EQUAL EDUCATION, *MEXICAN AMERICANS, *SPANISH SPEAKING, CHILDHOOD NEEDS, COMMUNICATION PROBLEMS, DROPOUT PROBLEMS, EQUAL OPPORTUNITIES (JOBS), EXPERIMENTAL PROGRAMS, INTEGRATED CURRICULUM, LANGUAGE PROGRAMS, MEXICAN-AMERICAN AFFAIRS UNIT, MIGRANT PROBLEMS, NON ENGLISH SPEAKING, PERSONNEL INTEGRATION, SPANISH CULTURE, STUDENT NEEDS, USOE,

GROWING CONCERN AMONG THE MEXICAN-AMERICAN POPULATION, AND THE NATION AS A WHOLE, CONCERNING EDUCATIONAL INEQUALITIES FACED BY THE SPANISH-SPEAKING MINORITY POPULATION POINTS TO THE REAWAKENING OF THEIR SOCIETY AND THEIR GRADUAL ASSUMPTION OF A GREATER DEGREE OF PRODUCTION IN SOCIETY. THOUGH FOR THE MOST PART MANY INEQUALITIES STILL EXIST, SOME EFFORTS ARE BEING MADE TO INTEGRATE CURRICULUM, INSTRUCTION, AND THE NEEDS OF MEXICAN-AMERICANS. RISING INVOLVEMENT AND HIGHER EDUCATION LEVEL OF THE MEXICAN-AMERICAN COMMUNITY ITSELF IS DIRECTING ATTENTION TO EDUCATIONAL ISSUES AND THE INTEGRATION OF MEXICAN AMERICAN PERSONNEL INTO RESPONSIBLE BUSINESS AND EDUCATIONAL POSITIONS. IT IS HOPED THAT THE ELEVATION OF THESE PERSONNEL WILL PROVIDE HEROS OR MODELS FOR THE YOUNG. WITH CAREER MODELS AVAILABLE TO EMULATE, PERHAPS GRADUALLY THE LANGUAGE AND CULTURAL BARRIERS FACED BY MANY OF THE PAST AND PRESENT MEXICAN AMERICAN POPULATION CAN BE ELIMINATED. THIS ARTICLE APPEARS IN THE MAY 1968 ISSUE OF "AMERICAN EDUCATION", PAGES 25-27. (DK)

ED 020 817 RC 001 451
ERICKSON, JOHN
A STRUCTURAL COURSE FOR VOCATIONAL ENGLISH.
SWEETWATER UNION HIGH SCHOOL, CHULA VISTA, CALIF.
PUB DATE 68
EDRS PRICE MF-$1.00 HC-$10.72 266P.
DESCRIPTORS— *CURRICULUM GUIDES, *ENGLISH (SECOND LANGUAGE), *ENGLISH CURRICULUM, *STRUCTURAL GRAMMAR, ADULT EDUCATION, MEXICAN AMERICANS, SPANISH SPEAKING,

A COURSE, COMPLETE WITH DETAILED LESSON PLANS AND PRACTICE DRILLS, HAS BEEN DEVELOPED AT SAN DIEGO STATE COLLEGE, TO PROVIDE THE ADULT SPANISH-SPEAKING STUDENT WITH A BASIC FOUNDATION IN AMERICAN-ENGLISH GRAMMATICAL STRUCTURE, AS WELL AS AN AMPLE DAILY AND PROFESSIONAL VOCABULARY. THE IDEA OF TRANSLATING CONCEPTS AND VOCABULARY IS USED TO TEACH FOREIGN LANGUAGE TO ADULTS, WITH MINIMAL EXPLANATION, IN A SHORT SPAN OF TIME. THE SUBSEQUENT SIMPLIFICATION OF GRAMMATICAL CONCEPTS INTO A SERIES OF COMMON STRUCTURAL EXERCISES AND PATTERNS COUPLED WITH A LARGE SELECTION OF BOTH DAILY AND PROFESSIONAL VOCABULARY GIVES THE

ADULT STUDENT THE OPPORTUNITY TO DEVELOP TO THE FULL EXTENT OF HIS CAPACITY, MOTIVATION, AND INTEREST. THE IMPORTANCE IS EMPHASIZED OF HAVING EACH STUDENT UNDERSTAND THE CONCEPTS WITH WHICH HE IS WORKING AND OF BEING ABLE TO PERFORM THE MECHANICS OF FITTING WORDS INTO THE STRUCTURAL PATTERNS BEFORE PROCEEDING TO THE NEXT CONCEPT. (CL)

ED 020 818 RC 001 457

KELLY, PATRICK J. *HOMAN, LARRY E.*

EVALUATION OF SERVICE ACTIVITIES UNDERTAKEN BY THE EDUCATIONAL SERVICE CENTER FOR THE PERIOD SEPTEMBER 1, 1966 TO JULY 1, 1967.

EDUCATIONAL SERVICE CENTER, ALBUQUERQUE, N.M.

PUB DATE 67

GRANT OEG-4-6-000048-0302

EDRS PRICE MF-$0.50 HC-$4.20 103P.

DESCRIPTORS-- *CONSULTATION PROGRAMS, *SHARED SERVICES, *SUPPLEMENTARY EDUCATIONAL CENTERS, AUDIOLOGY, BILINGUALISM, COMMUNITY RELATIONS, CONFERENCES, CONSULTANTS, COOPERATIVE PLANNING, COOPERATIVE PROGRAMS, CULTURALLY DISADVANTAGED, INTERMEDIATE ADMINISTRATIVE UNITS, MOBILE EDUCATIONAL SERVICES, NEW MEXICO RES STUDY COUNC, NEW MEXICO STATE DEPT EDUC, PSYCHOLOGICAL SERVICES, REGIONAL COOPERATION, RURAL SCHOOLS, SCORING, SPEECH TESTS, SPEECH THERAPY, STUDENT PERSONNEL SERVICES, TESTING PROGRAMS, WORKSHOPS,

THE EDUCATIONAL SERVICE CENTER (ESC) SUPPLIES VARIOUS SERVICES TO 28 SCHOOL DISTRICTS IN CENTRAL, WESTERN, AND NORTHERN NEW MEXICO. STATISTICAL INFORMATION IS PRESENTED CONCERNING THE VARIETY AND DISTRIBUTION OF THESE SERVICES (CURRICULUM DEVELOPMENT, PSYCHOLOGICAL TESTING AND GUIDANCE, ADULT EDUCATION AND COMMUNITY DEVELOPMENT, SCHOOL EVALUATION AND RESEARCH, DATA PROCESSING OPERATIONS, AND TECHNICAL ASSISTANCE IN PROJECT PROPOSAL PREPARATION). THERE IS A NARRATIVE DESCRIPTION OF THE ACTIVITIES CONDUCTED IN EACH DISTRICT AND A COMPREHENSIVE EXPLANATION AND ANALYSIS OF THE TESTING PROGRAM. A DISCUSSION OF MULTIDISTRICT AND REGIONAL ACTIVITIES, I.E., WORKSHOPS, CONFERENCES, ETC., IS ALSO INCLUDED. THE EVALUATION WAS CONDUCTED THROUGH A SURVEY OF SUPERINTENDENTS AND THE ESC'S CONTINUAL EVALUATION PROCEDURE. IMPLICATIONS OF THE EVALUATION AS RELATED TO THE OBJECTIVES OF THE ESC PROVIDE A FOUNDATION FOR ITS FUTURE PLANS AND ORGANIZATIONAL CHANGES. (DK)

ED 020 819 RC 001 534

ESTES, DWAIN M. *DARLING, DAVID W.*

IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).

INTER-AMERICAN EDUCATION CENTER, SAN ANTONIO, TEX.

TEXAS EDUCATION AGENCY, AUSTIN

PUB DATE 67

EDRS PRICE MF-$0.75 HC-$6.92 171P.

DESCRIPTORS-- *BILINGUALISM, *EDUCATIONAL OPPORTUNITIES, *MEXICAN-AMERICAN, *PROGRAMS, *SPEECHES, CONFERENCES, EDUCATION, EDUCATIONAL STATUS COMPARISON, ENGLISH (SECOND LANGUAGE), FEDERAL AID, INNOVATION, LANGUAGE INSTRUCTION, MIGRANT CHILDREN, PROBLEMS, SCHOOLS, STATE ACTION, STATISTICAL DATA, TEXAS,

PROCEEDINGS OF A 1967 TEXAS CONFERENCE ON IMPROVING EDUCATIONAL OPPORTUNITIES FOR MEXICAN AMERICANS ARE INCLUDED IN THIS REPORT. SPEECHES, COMMENTARIES, A PAPER, RECOMMENDATIONS, AND RESOLUTIONS ILLUSTRATE THE STATED GOALS OF THE CONFERENCE--(1) TO IDENTIFY AND DEFINE BARRIERS FACED BY MEXICAN-AMERICANS IN SCHOOLS AND COMMUNITIES IN TEXAS, (2) TO SHOW AND DISCUSS SOME OF THE PROGRAMS UNDERWAY AIMED AT ENHANCING BILINGUAL EDUCATION, (3) TO FOCUS ATTENTION ON PROBLEMS REQUIRING IMMEDIATE SOLUTION, AND (4) TO DEVELOP A PLAN OF ACTION FOR THE DISSEMINATION OF INFORMATION AND STATISTICAL DATA TO REMOVE EXISTING BARRIERS AND FIND SOLUTIONS TO THE PROBLEMS. NAMES OF THE CONFERENCE SPEAKERS AND SPEECH TITLES ARE LISTED IN THE TABLE OF CONTENTS. SOME EXEMPLARY DEMONSTRATION PROGRAMS DEALING WITH BILINGUALISM CONCLUDE THE DOCUMENT. (SW)

ED 020 820 RC 001 613

WOLCOTT, HARRY F.

KWAKIUTL VILLAGE AND SCHOOL.

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS-- *AMERICAN INDIANS, *COMMUNITY ATTITUDES, *ONE TEACHER SCHOOLS, *SCHOOL COMMUNITY RELATIONSHIP, *TEACHER ROLE, BRITISH COLUMBIA, CANADA, CULTURAL BACKGROUND, CULTURE LAG, FAMILY ATTITUDES, FAMILY SCHOOL RELATIONSHIP, FIELD STUDIES, KWAKIUTL INDIANS, RURAL AREAS, SMALL SCHOOLS, STUDENT CHARACTERISTICS, STUDENT TEACHER RELATIONSHIP, TEACHING CONDITIONS,

THE AUTHOR'S ONE-YEAR RESIDENCY AS TEACHER IN A KWAKIUTL INDIAN VILLAGE IN BRITISH COLUMBIA FORMS THE BASIS OF THIS CASE STUDY. WITH EMPHASIS ON THE LIVES AND FAMILIES OF 5 SCHOOL CHILDREN, THE STUDY DEALS WITH THE SOCIAL ENVIRONMENT AND CULTURAL BACKGROUND OF THE VILLAGE, DISINTEGRATION OF THE INDIAN CULTURE AND THE TRANSITION TOWARD THE CANADIAN-AMERICAN CULTURE, THE EDUCATIONAL SYSTEM AND SCHOOL-RELATED EXPERIENCES, AND THE ROLE OF THE TEACHER IN THE COMMUNITY. LATER PROGRESS OF SOME OF THE STUDENTS IS NOTED ALONG WITH AN ASSESSMENT OF EDUCATIONAL NEEDS IN A CROSS-CULTURAL ATMOSPHERE. THIS BOOK IS AVAILABLE FROM HOLT, RINEHART, AND WINSTON, INC., NEW YORK, NEW YORK. (JEH)

ED 020 821 RC 001 619

MORRIS, GLYN *WHEATER, JUDITH*

BORN FOR JOY, A UNIQUE SUMMER PROGRAM FOR DISADVANTAGED CHILDREN DURING JULY, 1966.

BOARD OF COOPERATIVE EDUCATIONAL SERVICES

PUB DATE 66

EDRS PRICE MF-$0.25 HC-$2.20 53P.

DESCRIPTORS-- *DISADVANTAGED YOUTH, *INSERVICE TEACHER EDUCATION, *PROGRAM EVALUATION, *RURAL AREAS, *SUMMER PROGRAMS, ENRICHMENT EXPERIENCE, ESEA TITLE 1, FEDERAL PROGRAMS, FIELD TRIPS, HANDICRAFTS, INNOVATION, LEWIS COUNTY NEW YORK, MENTAL HEALTH, PROGRAM DESCRIPTIONS, READING INSTRUCTION, RECREATIONAL PROGRAMS, RURAL SCHOOL SYSTEMS,

A 4-WEEK SUMMER PROGRAM WAS CONDUCTED IN A DISADVANTAGED AREA IN THE ADIRONDACK FOOTHILLS OF NEW YORK. TWO PROJECTS WERE OFFERED, ONE INVOLVING 90 CHILDREN IN GRADES 5 THROUGH 8, AND ANOTHER PROVIDING INSERVICE EDUCATION FOR 75 TEACHERS. THE PROJECT FOR STUDENTS CONSISTED OF CRAFTS, FILMS, RECREATION ACTIVITIES, LISTENING TO RECORDS AND STORYTELLING, HOMEMAKING EXPERIENCES, AND TRIPS TO CANADA, BOSTON, BUFFALO, AND ELSEWHERE. ONE FACET OF THE STUDENT PROJECT WAS AN OPPORTUNITY FOR 9 RETARDED BOYS TO ATTEND A CAMP FOR 3 WEEKS. THE TEACHERS WERE OFFERED 2-WEEK COURSES IN METHODS AND MATERIALS FOR READING INSTRUCTION IN THE ELEMENTARY SCHOOL AND THE HIGH SCHOOL, AND A COURSE ON MENTAL HEALTH IN THE CLASSROOM. A DESCRIPTION OF BOTH PROJECTS IS GIVEN AND EVALUATIVE REMARKS ARE INCLUDED. AN APPENDIX CONTAINS THE EVALUATION INSTRUMENTS. (NH)

ED 020 822 RC 001 744

LEDFORD, LOWELL E.

EDUCATIONAL TELEVISION IN THE SMALL SCHOOL.

ARKANSAS EDUCATION ASSOCIATION, LITTLE ROCK

PUB DATE MAY 68

EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS-- *CURRICULUM ENRICHMENT, *DSCIPLINE, *EDUCATIONAL TELEVISION, *INSTRUCTIONAL MEDIA, *MOTIVATION TECHNIQUES, *SMALL SCHOOLS, ARKANSAS, ELEMENTARY EDUCATION, INSTRUCTIONAL PROGRAMS, INSTRUCTIONAL TRIPS, LEARNING READINESS, PULASKI COUNTY SPECIAL SCHOOL DISTRICT, SCIENCE EDUCATION, SPECIALISTS, TEACHING GUIDES, TEACHING TECHNIQUES, VIEWING TIME, VOCABULARY,

HENSLEY ELEMENTARY SCHOOL, CONSISTING OF 72 STUDENTS AND 3 TEACHERS, HAS INCORPORATED 12 EDUCATIONAL TELEVISION PROGRAMS AS A REGULAR PART OF THE CURRICULUM IN THE FIRST 6 GRADES. GRADES 1 AND 2 VIEWED PROGRAMS IN SCIENCE, SPEECH, ART, MUSIC, AND STORY TIME. GRADES 3 AND 4 VIEWED SERIES IN MUSIC, SCIENCE, ART, AND SPEECH, WHILE GRADES 5 AND 6 WERE GIVEN PRESENTATIONS IN ARKANSAS HISTORY, ART, MUSIC, SCIENCE, AND PLACES IN THE NEWS. TEN TEACHING SPECIALISTS GAVE PRESENTATIONS VIA TELEVISION. CURRICULUM ENRICHMENT THROUGH THE USE OF TELEVISION PROVED ENTIRELY PRACTICAL, WITH THE STUDENT RECEIVING A STIMULATING CHANGE OF PACE AND MUCH LEARNING BEING TRANSFORMED INTO PLEASURABLE ACTIVITIES. TEACHERS CHARACTERIZED THE LEARNING AS AVERAGE AND ALSO NOTED A MARKED DECREASE IN DISCIPLINE PROBLEMS WHICH THEY ATTRIBUTED TO INCREASED MOTIVATION ON THE PART OF THE STUDENT DURING THE TELECASTS. EVALUATION SHEETS WERE PROVIDED FOR TEACHERS' REACTIONS AND SUGGESTIONS FOR FUTURE PROGRAM IMPROVEMENT. THIS ARTICLE APPEARS IN THE "JOURNAL OF ARKANSAS EDUCATION," VOLUME 40, NUMBER 8, MAY, 1968. (DA)

ED 020 823 RC 001 752

PENNSYLVANIA MIGRATORY LABOR PROGRAM, 1967. ANNUAL REPORT.

GOVERNOR'S COMMITTEE ON MIGRATORY LABOR

PUB DATE JUN 68

EDRS PRICE MF-$0.25 HC-$2.20 53P.

DESCRIPTORS-- *COOPERATIVE PLANNING, *HEALTH SERVICES, *LIVING STANDARDS, *SERVICES, CHILD CARE CENTERS, CLINICS, COMMUNITY AGENCIES (PUBLIC), COUNSELING, EDUCATIONALLY DISADVANTAGED, FEDERAL AID, INSERVICE TEACHER EDUCATION, LEGISLATION, MIGRANT CHILDREN, MIGRANT WORKER PROJECTS, MIGRANTS, NEGROES, POLICE, PUERTO RICANS, RECREATIONAL PROGRAMS, RELIGIOUS ORGANIZATIONS, STATE AGENCIES, STATISTICAL DATA, SUMMER SCHOOLS,

THE UNITED ENDEAVORS OF GOVERNMENTAL AND NON-GOVERNMENTAL GROUPS HAVE RESULTED IN AN INTEGRATED MIGRATORY LABOR PROGRAM IN PENNSYLVANIA. THE EFFORTS OF THESE GROUPS PROVIDE FOR RECRUITMENT, ADEQUATE LIVING ACCOMODATIONS, HEALTH AND WELFARE SERVICES, COUNSELING AND TECHNICAL ASSISTANCE, COMMUNITY ADJUSTMENT, AND EDUCATIONAL SERVICES. THE RESULT HAS BEEN AN EFFECTIVE AND EFFICIENT PROGRAM TO ALLEVIATE THE MANY PROBLEMS OF THE MIGRANT FAMILY. STATISTICAL DATA ARE PRESENTED TO ADD SIGNIFICANCE TO THE WORK OF THE

VARIOUS GROUPS IN THE MIGRATORY LABOR PROGRAM. (SW)

ED 020 824 RC 002 023

KREITLOW, BURTON W. BUTTERFIELD, PAUL G.

A RESTUDY OF THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.

WISCONSIN UNIV., MADISON, DEPT. OF AGR./EXT. EDUC.

REPORT NUMBER BULL-582

PUB DATE APR 66

EDRS PRICE MF-$0.25 HC-$1.36 32P.

DESCRIPTORS— *ATTITUDES, *EDUCATIONAL ATTITUDES, *ETHNIC GROUPS, *RURAL FAMILY, *SOCIOECONOMIC INFLUENCES, ADULT EDUCATION PROGRAMS, ADULT FARMER EDUCATION, AGRICULTURAL TRENDS, CULTURAL BACKGROUND, CULTURAL FACTORS, EDUCATIONAL OBJECTIVES, EDUCATIONAL PRACTICE, FAMILY INFLUENCE, FAMILY STRUCTURE, LEARNING MOTIVATION, RELIGIOUS FACTORS, RURAL EDUCATION, SOCIAL ORGANIZATIONS,

RURAL ADULTS IN 38 LOCALITIES IN WISCONSIN WHO WERE STUDIED IN 1953 TO DETERMINE ATTITUDES AND ACTIONS TOWARD EDUCATIONAL PRACTICES, FARMING PRACTICES, AND ORGANIZATIONAL PARTICIPATION, WERE RESTUDIED IN 1963. ELEVEN OF THE 19 LOCALITIES CONSIDERED HOMOGENEOUS IN ETHNIC AND RELIGIOUS COMPOSITION IN 1953 HAD BECOME HETEROGENEOUS AND WERE TREATED IN SEGMENTS OF THE RESTUDY AS A THIRD TYPE OF LOCALITY GROUP. SUBJECTS IN HETEROGENEOUS LOCALITIES WERE FOUND TO BE CONSISTENTLY MORE FAVORABLE TOWARD EDUCATIONAL PRACTICES THAN THOSE IN HOMOGENEOUS LOCALITIES. BOTH GROUPS INDICATED LESS FAVORABLE ATTITUDES TOWARD ADULT EDUCATION CLASSES, JOINT PARENT-TEACHER PLANNING OF CURRICULUM, AND THE NEED FOR PARENT ORGANIZATIONS IN THE SCHOOL. THE CHANGED GROUP WAS MORE LEARNING-OREINTED THAN THE OTHER 2. BOTH HOMOGENEOUS AND HETEROGENEOUS LOCALITIES SHOWED INCREASED ACCEPTANCE OF IMPROVED FARM PRACTICES. NO SIGNIFICANT DIFFERENCES WERE FOUND BETWEEN GROUPS IN THEIR PARTICIPATION IN ORGANIZATIONS. ATTITUDES OF RELIGIOUS-ETHNIC GROUPS WERE ANALYZED INDIVIDUALLY AND COMPARED TO EACH OTHER. A RELATED DOCUMENT IS RC 002 503. (JEH)

ED 020 825 RC 002 424

YAZZIE, ALLEN D.

YAZZIE REPORTS ON EDUCATION ACTIVITIES.

NAVAJO TRIBE PUBLIC RELATIONS AND INFO. DEPT.

PUB DATE 04 APR 68

EDRS PRICE MF-$0.25 HC-$0.20 3P.

DESCRIPTORS— *AMERICAN INDIANS, *INSTRUCTIONAL PROGRAMS, *NAVAHO, AGENCIES, BOARDING HOMES, COMMITTEES, CONFERENCES, DEMONSTRATION PROJECTS, EDUCATION, FEDERAL PROGRAMS, FINANCIAL SUPPORT, MASS MEDIA, NAVAJO TRIBAL COUNCIL, NAVAJO TRIBAL EDUCATION COMMITTEE, PARENTS, PROGRAMS, SCHOOLS, YOUTH,

THE FUNCTIONS, ACCOMPLISHMENTS, AND NEEDS OF THE NAVAJO TRIBAL EDUCATION COMMITTEE IS THE SUBJECT OF THIS REPORT TO THE SENATE SUB-COMMITTEE ON INDIAN EDUCATION. THE MAIN JOB OF THE EDUCATION COMMITTEE IS TO SERVE AS A CONNECTING LINK BETWEEN THE NAVAJO TRIBAL COUNCIL AND EDUCATIONAL AGENCIES SERVING NAVAJO YOUTH. THE MAIN ACCOMPLISHMENT OF THE COMMITTEE HAS BEEN AN INCREASED INVOLVEMENT OF PARENTS AND TRIBAL LEADERS IN THE SCHOOL PROGRAM. THE EDUCATION COMMITTEE HAS ALSO ENCOURAGED THE USE OF PUBLIC INFORMATION MASS MEDIA IN RELATING THE EDUCATIONAL ACCOMPLISHMENTS OF THE NAVAJO CHILDREN. CONFERENCES HAVE BEEN SPONSORED AS HAVE CAMPAIGNS TO ENCOURAGE THE CHILDREN TO CONTINUE THEIR EDUCATION. EFFECTIVE UTILIZATION AND COORDINATION OF FEDERAL PROGRAMS HAS ENABLED SEVERAL INSTRUCTIONAL PROGRAMS AND A DEMONSTRATION SCHOOL TO BECOME OPERATIONAL. BOARDING SCHOOLS, IMPROVED ROADS, AND ADDITIONAL FINANCIAL SUPPORT ARE LISTED AS THE PRIMARY NEEDS IN NAVAJO EDUCATION. THIS ARTICLE APPEARS IN THE "NAVAJO TIMES," WINDOW ROCK, ARIZONA, APRIL 4, 1968, P.27. (ES)

ED 020 826 RC 002 449

SMITH, JULIAN W. AND OTHERS

OUTDOOR EDUCATION.

PUB DATE 63

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CONSERVATION EDUCATION, *LEARNING PROCESSES, *OUTDOOR EDUCATION, *PHYSICAL FITNESS, *TEACHING METHODS, AGRICULTURAL EDUCATION, CAMPING, CITIZENSHIP RESPONSIBILITY, CURRICULUM DEVELOPMENT, EDUCATIONAL OBJECTIVES, FEDERAL RECREATION LEGISLATION, FIELD TRIPS, INDIVIDUAL NEEDS, PERSONNEL, RECREATIONAL FACILITIES, RURAL EDUCATION, SCHOOL COMMUNITY RELATIONSHIP, SCIENCE EDUCATION, SPECIALISTS, URBAN EDUCATION,

AN INTERDISCIPLINARY APPROACH IS USED TO RELATE A VARIETY OF CURRICULAR AREAS TO OUTDOOR EDUCATION. THE ROLE OF FEDERAL, STATE, AND VOLUNTARY ORGANIZATIONS IN PROMOTING EDUCATIONAL AND RECREATIONAL USES OF PUBLIC LANDS AND FACILITIES IS DISCUSSED. SUGGESTIONS ARE OFFERED FOR THE TRAINING OF PERSONNEL TO LEAD THE OUTDOOR EDUCATION PROGRAMS OF OUR SCHOOLS AND INSTITUTIONS OF HIGHER EDUCATION. NUMEROUS PROGRAMS NOW IN OPERATION THROUGHOUT THE UNITED STATES ARE CITED AS MODELS IN THE ESTABLISHMENT OF EFFECTIVE OUTDOOR EDUCATION PRACTICE. PROFITABLE OUTDOOR LEARNING EXPERIENCES AND SKILLS ARE ENUMERATED, AS WELL AS A COMPREHENSIVE LIST OF OUTDOOR SITES SUITABLE FOR CLASS INVESTIGATION. THIS BOOK IS AVAILABLE FROM PRENTICE-HALL, INC., ENGLEWOOD CLIFFS, NEW JERSEY 07632. (DA)

ED 020 827 RC 002 483

KRUZNER, DONALD L.

THE SUPERINTENDENT AS A COMMUNITY EDUCATIONAL LEADER.

PUB DATE 05 FEB 65

EDRS PRICE MF-$0.25 HC-$0.68 15P.

DESCRIPTORS— *ADMINISTRATOR ROLE, *EDUCATIONAL ADMINISTRATION, *LEADERSHIP RESPONSIBILITY, *SUPERINTENDENT ROLE, ADMINISTRATIVE ORGANIZATION, ADMINISTRATIVE PROBLEMS, ADMINISTRATOR RESPONSIBILITY, ASSISTANT SUPERINTENDENT ROLE, COMMUNITY LEADERS, INTERMEDIATE ADMINISTRATIVE UNITS, LEADERSHIP STYLES, RURAL AREAS, SCHOOL ORGANIZATION, TECHNICAL ASSISTANCE,

THE HISTORICAL ROLE OF THE SCHOOL DISTRICT SUPERINTENDENT HAS ENCOMPASSED VARIOUS OBJECTIVES AND PURPOSES THAT HAVE AFFECTED THE EDUCATIONAL LIVES OF MANY PEOPLE. DECISIONS A PRESENT-DAY SUPERINTENDENT MUST MAKE STILL COVER MANY AND VARIED FUNCTIONS–MANAGERIAL, INSTRUCTIONAL, POLITICAL, ETC. TO A GREAT EXTENT THE SOCIAL MAKE-UP AND SIZE OF A COMMUNITY INFLUENCE COMMUNITY PERCEPTION OF THE SUPERINTENDENT AND HIS ROLE. SUPERINTENDENTS IN LARGE URBAN AREAS HAVE THE SERVICES OF MANY ADVISERS AND ACCESS TO THE PUBLIC VIA FORMS OF MASS MEDIA. THE RURAL SUPERINTENDENT, ON THE OTHER HAND, MUST BE EXPERT IN ALL EDUCATIONAL AREAS AND MUST SPEND INNUMERABLE HOURS IN SMALL PUBLIC MEETINGS ASSUMING A PERSONAL RELATIONSHIP WITH THE PEOPLE AND LEADERS OF HIS COMMUNITY. THE PROCESS OF CONSOLIDATION AND THE DEVELOPMENT OF INTERMEDIATE ADMINISTRATIVE UNITS ARE DOING MUCH TO RELIEVE THE POSITION OF THE RURAL SUPERINTENDENT BY INCREASING THE AVAILABILITY OF TECHNICAL AID. THIS PAPER WAS PRESENTED AT THE ANNUAL CONVENTION OF THE AMERICAN ASSOCIATION OF SCHOOL ADMINISTRATORS (ATLANTIC CITY, MAY 2, 1965). (DK)

ED 020 828 RC 002 485

HAMMERMAN, DONALD R. HAMMERMAN, WILLIAM M.

TEACHING IN THE OUTDOORS.

PUB DATE 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CURRICULUM ENRICHMENT, *LEARNING ACTIVITIES, *OUTDOOR EDUCATION, *SENSORY EXPERIENCE, *TEACHING TECHNIQUES, CAMPING, COOPERATIVE PLANNING, DISCOVERY LEARNING, FIELD EXPERIENCE PROGRAMS, FIELD TRIPS, LEARNING EXPERIENCE, PROBLEM SOLVING, REALIA, RESIDENT CAMP PROGRAMS,

OUTDOOR EDUCATION REINFORCES ABSTRACT LEARNING WITH CONCRETE EXPERIENCE. ITS RELATION TO THE CLASSROOM CURRICULUM IS LIMITED ONLY BY THE IMAGINATION OF THE INSTRUCTOR. OUTDOOR EDUCATION LENDS ITSELF TO THE EXPLORATORY OR DISCOVERY APPROACH TO LEARNING, WHEREBY QUESTIONING BY THE TEACHER CAUSES OBSERVATION AND REACTION BY THE STUDENT. THE RESIDENT SCHOOL CAMP PROGRAM IS THE ULTIMATE OUTDOOR EDUCATIONAL EXPERIENCE AND AFFORDS OPPORTUNITY FOR PLANNING, IMPLEMENTATION, AND EVALUATION IN COOPERATION WITH STUDENTS AND PARENTS. PROFESSIONAL TEACHER PREPARATION IN OUTDOOR EDUCATION CAN TAKE PLACE AT BOTH PRESERVICE AND INSERVICE LEVELS. APPENDICES INCLUDE LISTS OF COLLEGES AND UNIVERSITIES OFFERING OUTDOOR EDUCATION COURSES, SELECTED FILMS ON OUTDOOR EDUCATION, AND SELECTED RESIDENT OUTDOOR SCHOOLS OR SCHOOL CAMPS. THIS BOOK IS AVAILABLE FROM THE BURGESS PUBLISHING COMPANY, 426 SOUTH 6TH STREET, MINNEAPOLIS, MINNESOTA 55440. (JEH)

ED 020 829 RC 002 486

THE MAJOR COASTAL COMMUNITIES OF NORTH CAROLINA.

MARINE SCIENCE PROJECT, BEAUFORT, N.C.

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$1.24 29P.

DESCRIPTORS— *COMMUNITY CHARACTERISTICS, *MARINE BIOLOGY, *OUTDOOR EDUCATION, *PHYSICAL ENVIRONMENT, *SCIENCE PROJECTS, *TAXONOMY, ANIMAL SCIENCE, BEHAVIOR PATTERNS, BOTONY, CARTERET COUNTY NORTH CAROLINA, ECOLOGY, ILLUSTRATIONS, PHYSICAL GEOGRAPHY, PLANT SCIENCE, SCIENTIFIC PRINCIPLES, ZONING,

IDENTIFIED IN THIS MARINE SCIENCE HANDBOOK ARE 5 MAJOR TYPES OF NATURAL HABITATS–(1) OPEN BEACH AND ANY OTHER SEAWARD-FACING, UNPROTECTED STRAND, (2) GROINS, JETTIES, PILINGS, AND ROCK BULKHEADS, (3) SAND AND/OR MUD FLAT, (4) SALT MARSH, AND (5) UPLAND COMMUNITIES. EACH HABITAT IS DESCRIBED IN TERMS OF TYPICAL PLANTS AND ANIMALS, ADAPTATIONS, AND SPECIAL FEATURES. PLANT AND ANIMAL HABITATION IS BROKEN DOWN WHERE APPLICABLE INTO 3 ZONES BASED ON ADAPTATIONS TO THE PHYSICAL FACTORS IN THE ZONES. ILLUSTRATIVE DRAWINGS OF PLANTS AND ANIMALS ARE ACCOMPANIED BY EXPLANATIONS AND GENERIC NAMES. DESCRIPTIONS AND ILLUSTRATIONS ARE PRESENTED IN TERMS OF GRADIENTS WHICH AFFECT LIFE–SALINITY, TEMPERATURE, LIGHT, TEXTURE, CONTENT OF THE SUBSTRATE, AND PHYSICAL DISTURBANCE. (SW)

ED 020 830 RC 002 488

YEATER, L.W.

A FIELD EXPERIENCE--A WHY, A HOW.

MARINE SCIENCE PROJECT, BEAUFORT, N.C.

REPORT NUMBER DPSC-67-4274

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$0.60 13P.

DESCRIPTORS— *FIELD TRIPS, *MARINE BIOLOGY, *OCEANOLOGY, *OUTDOOR EDUCATION, *SCIENCE CONSULTANTS, BIOLOGY INSTRUCTION, DISCOVERY PROCESSES, EDUCATIONAL PLANNING, INSTRUCTIONAL AIDS, INSTRUCTIONAL MATERIALS, LEARNING THEORIES, MOTIVATION TECHNIQUES, RESOURCE MATERIALS, SEQUENTIAL LEARNING, SLOW LEARNERS, STUDENT INTERESTS, TEACHING METHODS,

THE CARTERET COUNTY MARINE SCIENCE PROJECT OFFERS THE SCIENCE TEACHER THE MEANS OF PROVIDING A DIRECTED DISCOVERY, FIELD-ORIENTED APPROACH TO THE STUDY OF OCEANOLOGY. SPECIALISTS PROVIDE AUDIO-VISUAL MATERIALS, AND DO THE PLANNING, ORGANIZATION, AND DIRECTION OF PRACTIAL FIELD EXPERIENCES. FOLLOWING THE FIELD EXPERIENCE, A MARINE SCIENCE PROJECT REPRESENTATIVE WILL USUALLY RETURN TO THE CLASSROOM TO REVIEW HIGHLIGHTS OF THE TRIP, DISCUSS ANSWERS TO FIELD PROBLEMS PREVIOUSLY PRESENTED, AND ESTABLISH AREAS WHICH MIGHT PROFITABLY BE INVESTIGATED ON FUTURE FIELD EXERCISES. THE MARINE SCIENCE PROJECT ALSO PROVIDES THE INDIVIDUAL TEACHER WITH A SOURCE OF A WIDE RANGE OF OCEANOLOGICAL MATERIALS, IN ADDITION TO A COMPLETE LIBRARY AND PERIODICAL FILE. (DA)

ED 020 831 **RC 002 491**

BENNER, RALPH *REYES, RAMIRO*

CALIFORNIA PLAN FOR THE EDUCATION OF MIGRANT CHILDREN. ANNUAL EVALUATION REPORT, FISCAL YEAR ENDING JUNE 30, 1967.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$1.08 25P.

DESCRIPTORS— *ENGLISH (SECOND LANGUAGE), *MEXICAN AMERICANS, *MIGRANT CHILD EDUCATION, *STATE PROGRAMS, AUDIOLINGUAL METHODS, BILINGUAL TEACHER AIDES, DAY CARE SERVICES, ESEA TITLE 1, INFORMATION DISSEMINATION, INSERVICE PROGRAMS, INTEGRATION EFFECTS, INTERAGENCY COORDINATION, LANGUAGE DEVELOPMENT, MIGRANT ADULT EDUCATION, MIGRANT HEALTH SERVICES, MIGRATION PATTERNS, OEO,

THE FISCAL YEAR 1967 CALIFORNIA PLAN FOR THE EDUCATION OF MIGRANT CHILDREN INCLUDED 21 PROJECTS REACHING 9,671 CHILDREN. BILINGUAL TEACHER AIDES AND COLLEGE-STUDENT TEACHER ASSISTANTS, MANY OF WHOM WERE MEMBERS OF MIGRANT FAMILIES, WERE USED SUCCESSFULLY IN THE VARIOUS EDUCATIONAL PROGRAMS. EACH EDUCATIONAL CENTER IN ONE REGIONAL PROGRAM INCLUDED DAY CARE SERVICES, INDIVIDUAL STUDY PROGRAMS, ADULT EDUCATION PROGRAMS, FOOD SERVICES, MEDICAL SERVICES, RECREATION PROGRAMS, AND INSERVICE TRAINING PROGRAMS. A PRIMARY GOAL OF THE PLAN WAS COMPLETE INTEGRATION OF MIGRANT CHILDREN WITHIN THE REGULAR CLASSROOM. MAJOR PROBLEMS ENCOUNTERED WERE LANGUAGE DIFFICULTIES (85 PERCENT OF THE MIGRANT CHILDREN WERE MEXICAN OR MEXICAN-AMERICAN), UNCERTAINTY OF FEDERAL FUNDING, AND THE ELUSIVENESS AND VARIETY OF THE MIGRANT POPULATION. (JEH)

ED 020 832 **RC 002 495**

KIMBALL, SOLON T.

EDUCATION FOR RURAL PEOPLES IN THE NEW AMERICA.

PUB DATE 28 SEP 64

EDRS PRICE MF-$0.25 HC-$0.56 12P.

DESCRIPTORS— *GROUP STRUCTURE, *PLANNING, *RURAL EDUCATION, *SCHOOL INDUSTRY RELATIONSHIP, COOPERATIVE PLANNING, DISADVANTAGED ENVIRONMENT, EDUCATIONAL ADMINISTRATION, FUTURE FARMERS OF AMERICA, GROUP RELATIONS, HISTORICAL REVIEWS, INDUSTRIALIZATION, INNOVATION, INTERPERSONAL RELATIONSHIP, OPERATIONS RESEARCH, PERSONNEL NEEDS, RURAL ENVIRONMENT, RURAL URBAN DIFFERENCES, SOCIAL RELATIONS, SPECIALIZATION, TECHNOLOGICAL ADVANCEMENT, 4 H CLUBS,

THE SWEEPING CHANGES WHICH CHARACTERIZE THE MODERN WORLD HAVE BEEN REFLECTED ONLY INCIDENTALLY IN THE ORGANIZATION AND PRACTICES OF THE EDUCATIONAL SYSTEM. A TREMENDOUS EDUCATIONAL VACUUM EXISTS IN THE AREA OF INTERPERSONAL EDUCATION, IN WHICH THE STUDENT LEARNS TO FUNCTION AS AN EFFECTIVE MEMBER OF A COORDINATED TEAM, RATHER THAN AS AN INDIVIDUAL. UNDER THE EXISTING EDUCATIONAL SYSTEM, WITH THE EXCEPTION OF CERTAIN EXTRA-CURRICULAR ACTIVITIES SUCH AS SPORTS, TEAM EFFORT IS USUALLY NOT ENCOURAGED. SUCH ORGANIZATIONS AS 4-H CLUB AND FUTURE FARMERS OF AMERICA DO EMPHASIZE COOPERATION AND TEAM EFFORT, BUT THIS KIND OF PRACTICE MUST BE FURTHER GENERALIZED TO ACADEMIC AREAS. THERE IS AN IMMEDIATE NEED FOR EDUCATIONAL PLANNERS AND PROGRAMS TO TRAIN PERSONNEL IN ANTICIPATION OF THE FUTURE NEEDS OF STUDENTS WHO WILL BE REQUIRED TO WORK ALMOST EXCLUSIVELY AS MEMBERS OF A TEAM AS OUR SOCIETY MOVES TOWARD EVER GREATER DEGREES OF SPECIALIZATION. THIS SPEECH WAS DELIVERED TO THE 1964 CONFERENCE ON RURAL EDUCATION, NEA (WASHINGTON, D.C., SEPTEMBER 28, 1964). (DA)

ED 020 833 **RC 002 497**

BEATTIE, ALFRED W.

THE IMPLICATIONS OF CHANGE FOR SCHOOL ADMINISTRATION.

PUB DATE 10 OCT 60

EDRS PRICE MF-$P0.25 HC-$0.40 8P.

DESCRIPTORS— *ADMINISTRATIVE CHANGE, *ADMINISTRATIVE PERSONNEL, *SCHOOL DISTRICTS, *SPECIALISTS, *SUPERINTENDENT ROLE, ANCILLARY SERVICES, EDUCATIONAL FACILITIES, FEDERAL STATE RELATIONSHIP, INTERMEDIATE ADMINISTRATIVE UNITS, MEDICAL CONSULTANTS, PERSONNEL NEEDS, READING PROGRAMS, RURAL SCHOOLS, SCHOOL DESIGN, SCHOOL PLANNING, SCHOOL SCHEDULES, SECONDARY SCHOOL COUNSELORS, SOCIAL CHANGE, SPECIAL EDUCATION, TECHNICAL EDUCATION, TELEVISED INSTRUCTION,

A MAJOR TASK OF THE COUNTY SUPERINTENDENT AND HIS STAFF IS THAT OF PLANNING NECESSARY FACILITIES AND PROVIDING SPECIALIZED PERSONNEL. HIS MAJOR RESPONSIBILITY IS THAT OF MAINTAINING UNIFORMITY IN COURSE CONTENT AND LEVEL OF ACHIEVEMENT IN SCHOOLS IN VARIOUS COUNTIES AND ACROSS STATE LINES. USE OF TELEVISED EDUCATIONAL PROGRAMS HAS BECOME ALL BUT IMPOSSIBLE DUE TO SCHEDULING DIFFICULTIES AMONG SCHOOLS. AN IMMEDIATE NEED EXISTS FOR COORDINATED SCHEDULING AT THE DISTRICT LEVEL TO ALLOW CAPABLE STUDENTS AN OPPORTUNITY TO VIEW EDUCATIONAL PROGRAMS, AND ATTEND COLLEGES OR VOCATIONAL SCHOOLS PART TIME. IF THIS OBJECTIVE IS TO BE REALIZED, THE COUNTY SUPERINTENDENT MUST ASSURE THAT ALL HIGH SCHOOLS CONCERNED HAVE THE SAME NUMBER OF PERIODS IN MORNING AND AFTERNOON, AND SCHOOL DAYS OF REASONABLY EQUAL LENGTH. OTHER SERVICES THE OFFICE OF THE SUPERINTENDENT IS UNIQUELY QUALIFIED TO ADMINISTER INCLUDE THE FILM LIBRARY (AS ENABLED BY THE NATIONAL DEFENSE EDUCATION ACT OF 1958), SPECIAL EDUCATION, AND TECHNICAL HIGH SCHOOLS. THIS SPEECH WAS PRESENTED TO THE ANNUAL NATIONAL CONFERENCE OF COUNTY AND RURAL AREA SUPERINTENDENTS (15TH, LOUISVILLE, OCTOBER 9-12,1960). (DA)

ED 020 834 **RC 002 500**

AARNES, HALE

A DYNAMIC CHARTER FOR RURAL EDUCATION.

PUB DATE 29 SEP 61

EDRS PRICE MF-$0.25 HC-$0.36 7P.

DESCRIPTORS— *AGRICULTURAL TRENDS, *EDUCATIONAL STRATEGIES, *MIGRATION PATTERNS, *RURAL EDUCATION, *TEACHING, COOPERATIVE PROGRAMS, CURRICULUM ENRICHMENT, DEVELOPING NATIONS, EDUCATIONAL DEMAND, EDUCATIONAL PLANNING, FARM LABOR, FINANCIAL SUPPORT, INTERNATIONAL EDUCATION, LIBERAL ARTS, POPULATION TRENDS, RURAL YOUTH, SCHOOL REDISTRICTING, SOCIOECONOMIC INFLUENCES, STUDENT EXCHANGE PROGRAMS, TECHNICAL EDUCATION, VOCATIONAL EDUCATION,

ALTHOUGH WE ARE PRESENTLY WITNESSING AN INCREASING EXODUS FROM FARMS TO URBAN CENTERS, IN THE FORSEEABLE FUTURE FARMING AREAS WILL FILL WITH PEOPLE AS THE POPULATION CONTINUES TO INCREASE. PROBLEMS ASSOCIATED WITH THESE EVENTS ARE BECOMING CLEARLY DEFINED, AND IF AN ATTEMPT IS TO BE MADE TO COPE WITH THESE PROBLEMS, A UNIFIED TEACHING PROFESSION MUST BE CREATED AT ALL ECHELONS OF EDUCATION. REORGANIZATION OF DISTRICTS IS ESSENTIAL IF WE ARE TO PROVIDE NECESSARY LEVELS OF EDUCATION FOR MOST CHILDREN. MULTIPURPOSE HIGH SCHOOLS AND COMBINED LIBERAL ARTS AND TECHNICAL CENTERS ARE NEEDED TO MEET OUR GROWING NEED FOR INDUSTRIAL EDUCATION. A CULTURE-CENTERED CURRICULUM IS NEEDED, INCLUDING INTERNATIONAL AS WELL AS NATIONAL VIEWS. FINANCIAL RESOURCES SHOULD BE INCREASED WITH THE UNDERSTANDING THAT EDUCATION CREATES RESOURCES RATHER THAN DEPLETES THEM. INTERNATIONAL AGRICULTURAL RELATIONS SHOULD ENCOURAGE, THROUGH STUDENT AND ADULT EXCHANGE PROGRAMS, THE SPREAD OF MODERN TECHNIQUES TO ALL COUNTRIES. THIS SPEECH WAS DELIVERED TO THE ANNUAL CONFERENCE OF THE DEPARTMENT OF RURAL EDUCATION, NEA (PITTSBURGH, PA., SEPTEMBER 29-30, 1961). (DA)

ED 020 835 **RC 002 501**

FFA AT WORK FOR SAFETY, A HANDBOOK FOR TEACHERS AND STUDENTS OF VOCATIONAL AGRICULTURE.

FUTURE FARMERS OF AMERICA, WASHINGTON, D.C.

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$1.04 24P.

DESCRIPTORS— *INSTRUCTIONAL MATERIALS, *INSTRUCTIONAL PROGRAMS, *RESOURCE MATERIALS, *SAFETY EDUCATION, *YOUNG FARMER EDUCATION, AGRICULTURAL SAFETY, INSTRUCTIONAL FILMS, RESOURCE GUIDES, RESOURCE UNITS, RURAL AREAS, SUPERVISED FARM PRACTICE,

A HANDBOOK DEVELOPED FOR FUTURE FARMERS OF AMERICA (FFA) ADVISORS PROVIDES USEFUL RESOURCE MATERIAL FOR THE TEACHING OF RURAL SAFETY, AS WELL AS SUGGESTIONS FOR RURAL AND FARM SAFETY EDUCATION ACTIVITIES. ORGANIZATIONS THAT PROVIDE SAFETY MATERIALS ARE LISTED, AS WELL AS TITLES OF SAFETY FILMS. COPIES OF THIS PUBLICATION ARE ALSO AVAILABLE FROM THE OFFICE OF THE NATIONAL EXECUTIVE SECRETARY, FUTURE FARMERS OF AMERICA, U.S. OFFICE OF HEALTH, EDUCATION, AND WELFARE, WASHINGTON, D.C. 20202. (DK)

ED 020 836 **RC 002 503**

KREITLOW, BURTON W. *DUNCAN, JAMES A.*

THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.

WISCONSIN UNIV., MADISON, DEPT. OF AGR./EXT. EDUC.

REPORT NUMBER BULL-525

PUB DATE JUL 56

EDRS PRICE MF-$0.25 HC-$1.00 23P.

DESCRIPTORS— *ATTITUDES, *EDUCATIONAL ATTITUDES, *ETHNIC GROUPS, *RURAL FAMILY, *SOCIOECONOMIC INFLUENCES, AGRICULTURAL TRENDS, CULTURAL BACKGROUND, CULTURAL FACTORS, EDUCATIONAL COORDINATION, EDUCATIONAL OBJECTIVES, EDUCA-

TIONAL PRACTICE, FAMILY INFLUENCE, FAMILY STRUCTURE, INTERAGENCY COORDINATION, NEIGHBORHOOD, RELIGIOUS FACTORS, RURAL EDUCATION, SOCIAL ORGANIZATIONS,

THE PURPOSE OF THIS STUDY WAS TO COMPARE ATTITUDES OF 19 PAIRS OF WISCONSIN GROUPS TOWARD EDUCATIONAL PRACTICES, FARMING PRACTICES, AND ORGANIZATIONAL PARTICIPATION. EACH PAIR OF RURAL NEIGHBORHOODS CONSISTED OF ONE NEIGHBORHOOD HOMOGENOUS IN ETHNIC AND RELIGIOUS COMPOSITION, AND ONE NEIGHBORHOOD HETEROGENOUS IN THE SAME CHARACTERISTICS. PERSONAL INTERVIEWS WITH 380 FAMILY HEADS WERE CONDUCTED. RESULTS OF THE SURVEY SHOWED THAT MEMBERS OF HETEROGENEOUS NEIGHBORHOODS ARE MORE FAVORABLE TOWARD SCHOOL PRACTICES AND ADOPT MORE IMPROVED FARMING PRACTICES THAN MEMBERS OF HOMOGENEOUS NEIGHBORHOODS. HETEROGENEOUS NEIGHBORHOOD RESIDENTS SET AND ATTAIN HIGHER EDUCATIONAL GOALS AND ARE MORE FAVORABLE TOWARD SCHOOL PRACTICES REPRESENTING A BREAK FROM TRADITION. HOMOGENEOUS NEIGHBORHOOD RESIDENTS BELONG TO MORE ORGANIZATIONS, PREDOMINANTLY CHURCH AND SOCIAL, WHILE HETEROGENEOUS NEIGHBORHOOD RESIDENTS ATTEND MORE MEETINGS, HOLD MORE OFFICES, AND SERVE ON MORE COMMITTEES OF ORGANIZATIONS, MAINLY AGRICULTURAL AND EDUCATIONAL. HOMOGENEOUS NEIGHBORHOOD RESIDENTS PLACE EMPHASIS ON PERPETUATION OF THEIR CULTURE AND SHOW GREATER NEIGHBORHOOD AND FAMILY STRENGTH. A RELATED DOCUMENT IS RC 002 023. (JEH)

ED 020 837 RC 002 509

FITZPATRICK, MILDRED

THE CLASSROOM AIDE.

NEW MEXICO WESTERN STATES SMALL SCHOOLS PROJECT

PUB DATE NOV 65

EDRS PRICE MF-$0.25 HC-$0.56 12P.

DESCRIPTORS— *CURRICULUM ENRICHMENT, *NONPROFESSIONAL PERSONNEL, *TEACHER AIDES, AUDIOVISUAL AIDS, EDUCATIONAL PLANNING, INDIVIDUAL INSTRUCTION, NEW MEXICO, PERSONNEL, PROCTORING, PROGRAM COSTS, PROGRAMED TUTORING, QUEMADO PUBLIC SCHOOLS, RURAL AREAS, SHARED SERVICES, SMALL GROUP INSTRUCTION, SMALL SCHOOLS, STUDENT RECORDS, VOLUNTEERS,

TO RELIEVE THE NON-INSTRUCTIONAL BURDEN UPON THE CLASSROOM TEACHER, THE QUEMADO PUBLIC SCHOOLS EXPERIMENTED WITH A TEACHER AIDE PROGRAM, UTILIZING A SINGLE TEACHER AIDE IN ELEMENTARY LANGUAGE ARTS AND HIGH SCHOOL PROGRAMED MATHEMATICS THE FIRST YEAR OF THE PROJECT. AS A RESULT OF THE EXPERIMENTS SUCCESS, THE FOLLOWING SCHOOL YEAR (1963-1964) CLASSROOM AIDES WERE EMPLOYED IN EACH OF THE 4 QUEMADO PUBLIC SCHOOLS COVERING ALL SUBJECT MATTER AREAS. AS A CONSEQUENCE OF THE INCREASED NUMBER OF CLASSROOM AIDES EMPLOYED, IT BECAME NECESSARY TO DEFINE A CLASSROOM AIDE, AND OUTLINE AN AIDE'S QUALIFICATIONS AND DUTIES. USE OF THE CLASSROOM AIDE ALLOWED THE TEACHER MORE TIME FOR INDIVIDUALIZING INSTRUCTION, DEVELOPING TEACHING MATERIALS, AND TRIAL-TESTING CLASSROOM EXPERIMENTS AND DEMONSTRATIONS PRIOR TO THEIR USE. TIME FOR SMALL GROUP INSTRUCTION BECAME MORE OF A REALITY BECAUSE THE TEACHER WAS FREED FROM SUCH NON-INSTRUCTIONAL DUTIES AS COLLECTING MONEY, TAKING ATTENDANCE, AND MARKING OBJECTIVE TYPE TESTS AND WORKBOOKS. IT WAS SUGGESTED THAT A PROGRAM OF TEACHER AIDE PREPARATION BE UNDERTAKEN EITHER BY LOCAL SCHOOL SYSTEMS, OR BY COLLEGES AND UNIVERSITIES. (DA)

ED 020 838 RC 002 512

EDUCATION OF CHILDREN OF AGRICULTURAL MIGRANTS.

PUB DATE 62

EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *MIGRANT CHILD EDUCATION, *MIGRANT EDUCATION, *MIGRANT SCHOOLS, COMMUNITY MIGRANT PROJECTS, FEDERAL PROGRAMS, PRIVATE AGENCIES, STATE AGENCIES, VOCATIONAL EDUCATION,

THIRTEEN BOOKS, ARTICLES, AND DOCUMENTS PUBLISHED BETWEEN 1954 AND 1962 ARE LISTED IN THIS BIBLIOGRAPHY ON THE EDUCATION OF MIGRANT CHILDREN. A LIST OF 18 SELECTED PRIVATE, STATE, AND FEDERAL AGENCIES CONCERNED WITH MIGRANT EDUCATION IS ALSO PROVIDED. INFORMATION AND MATERIALS ON MIGRANT EDUCATION MAY BE AVAILABLE FROM THESE AGENCIES UPON REQUEST. A MAJOR PORTION OF THE ITEMS IN THE BIBLIOGRAPHY DEALS WITH GOVERNMENT-SPONSORED PROGRAMS IN OPERATION DURING THE PERIOD, AND ANNOTATIONS ARE PROVIDED FOR CLARIFICATION OF CONTENT. (DK)

ED 020 839 RC 002 513

NORRED, ROBERT B.

OPERATION PEBBLE. SUMMARY REPORT.

TENNESSEE TECHNOLOGY UNIV., COOKEVILLE

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$2.32 56P.

DESCRIPTORS— *CULTURALLY DISADVANTAGED, *EDUCATIONAL DISADVANTAGEMENT, *ENRICHMENT EXPERIENCE, *PROGRAM EVALUATION, *RURAL YOUTH, COUNSELING GOALS, CULTURAL ISOLATION, CULTURE CONTACT, ECONOMICALLY DISADVANTAGED, EVALUATION METHODS, FOLK CULTURE, GROUP COUNSELING, INDIVIDUAL COUNSELING, LEISURE TIME, OEO, ORAL EXPRESSION, READING DIFFICULTY, READING IMPROVEMENT, RURAL ENVIRONMENT, SOCIAL EXPERIENCE, UPPER CUMBERLAND REGION,

A COMPREHENSIVE EVALUATION OF OPERATION PEBBLE'S 3 YEAR SUMMER PROGRAM FOR ECONOMICALLY AND EDUCATIONALLY DEPRIVED CHILDREN OF THE UPPER CUMBERLAND REGION OF TENNESSEE IS PRESENTED. THE INTENT OF THE PROJECT WAS TO INVOLVE THE CHILDREN IN EXPERIENCES THAT MIGHT EXPAND THE HORIZONS OF THEIR STAGNANT, HIGHLY STRUCTURED CULTURAL ENVIRONMENT, WITHOUT DEMEANING THAT SAME ENVIRONMENT. COUNSELING TECHNIQUES UTILIZED IN THE PROGRAM ARE PRESENTED IN VIEW OF THEIR STATED OBJECTIVES AND THE CHARACTERISTICS OF THE PEBBLE STUDENTS. AN EVALUATION IS GIVEN OF THE INSTRUCTIONAL PROGRAM DEVISED BY THE PEBBLE STAFF TO MEET MEASURED AND APPARENT STUDENT DEFICIENCIES, ALONG WITH INSTRUCTIONAL ACTIVITIES USED FOR THE REMEDIATION OF THESE DEFICIENCIES. THE REPORT'S LAST SECTION DEALS WITH IMPLICATIONS AND RECOMMENDATIONS DERIVED FROM THE PEBBLE EXPERIENCE FOR THE PUBLIC SCHOOLS. (DK)

ED 020 840 RC 002 530

ROZZELL, FORREST

THE COMPETENT TEACHER OF THE DISADVANTAGED.

PUB DATE 22 FEB 66

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *CULTURE CONFLICT, *ECONOMICALLY DISADVANTAGED, *EDUCATIONAL NEEDS, *INSERVICE TEACHER EDUCATION, *SUBCULTURE, COOPERATIVE PROGRAMS, EDUCATIONAL METHODS, EDUCATIONAL RESOURCES, ESEA, FEDERAL AID, INSTITUTES (TRAINING PROGRAMS), MOTIVATION, PLANNING, SOCIAL CLASS, SOCIAL VALUES, TIME FACTORS (LEARNING),

THE EFFECTIVE TEACHER OF THE DISADVANTAGED MUST POSSESS, FIRST OF ALL, THE QUALITIES DISTINGUISHING A GOOD TEACHER IN ANY SCHOOL IN OUR SOCIETY, AND AT THE SAME TIME, HE MUST BE COGNIZANT OF THOSE DIFFERING VALUES WHICH SEPARATE THE DISADVANTAGED SUB-CULTURE FROM THE MAINSTREAM OF OUR SOCIAL STRUCTURE. AN EFFECTIVE TEACHER EDUCATION PROGRAM CAN DEVELOP IN EACH TEACHER A KNOWLEDGE OF SPECIFIC MEANS OF HELPING THE DISADVANTAGEGEGE, A COMPREHENSIVE UNDERSTANDING OF THEIR EDUCATIONAL NEEDS, AND A SENSE OF RESPECT FOR THE DISADVANTAGED CHILD. A WELL-ORGANIZED INSERVICE PROGRAM SHOULD BE ESTABLISHED TO GIVE A DEEPER UNDERSTANDING OF THE VALUES, MOTIVATIONAL FACTORS, AND ACHIEVEMENT DESIRES OF MEMBERS OF THE DISADVANTAGED SUB-CULTURE. FUNDS ARE AVAILABLE TO PROVIDE MATERIAL RESOURCES, BUT IT WILL REMAIN THE TASK OF THE TEACHERS CONCERNED, THROUGH INSERVICE TEACHER EDUCATION PROGRAMS, TO PROVIDE EFFECTIVE PLANNING, PROPER TIMING, AND A COOPERATIVE APPROACH IN MEETING THE EDUCATIONAL REQUIREMENTS OF THESE CHILDREN. THIS SPEECH WAS DELIVERED TO THE ARKANSAS EDUCATION ASSOCIATION CONFERENCE ON THE DISADVANTAGED (LITTLE ROCK, FEBRUARY 22, 1966). (DA)

ED 020 841 RC 002 531

O'ROURKE, EDWARD W.

THE RURAL FAMILY IN 1965.

PUB DATE 12 JUL 60

EDRS PRICE MF-$0.25 HC-$0.44 9P.

DESCRIPTORS— *CATHOLIC EDUCATORS, *FAMILY CHARACTERISTICS, *POPULATION TRENDS, *RURAL FAMILY, *RURAL URBAN DIFFERENCES, CATHOLIC SCHOOLS, COMMUNITY, FAMILY PROBLEMS, FARM LABOR LEGISLATION, FARM LABOR PROBLEMS, MARRIAGE, RELIGIOUS EDUCATION, RURAL EDUCATION, RURAL ENVIRONMENT, SEX EDUCATION,

IN A DISCUSSION OF SINGLE FAMILY RURAL FARM LIFE, THE VIEWS OF THE NATIONAL CATHOLIC RURAL LIFE CONFERENCE ARE PRESENTED IN RELATION TO THE ECONOMIC AND SOCIAL CHANGES TAKING PLACE IN RURAL AMERICA. THE VALUES AND ROLES OF THE MEMBERS OF RURAL FAMILIES ARE PRESENTED IN CONTRAST TO THOSE OF THE URBAN FAMILY. ALSO INDICATED ARE CHANGES TAKING PLACE DUE TO MECHANIZATION AND TECHNOLOGICAL ADVANCES. SUGGESTIONS FOR STRENGTHENING AND PRESERVING THE RURAL FAMILY INCLUDE REPEAL OF LEGISLATION INJURIOUS TO SMALL FARM OPERATION (I.E., PUBLIC LAWS WHICH ALLOW IMPORTATION OF FARM LABOR AND PROVIDE SUBSIDIES FAVORING LARGE FARM OPERATIONS), AND USE OF COLLECTIVE OR COOPERATIVE PURCHASING AS ONE METHOD OF STRENGTHENING THE SMALL FARMER'S POSITION. THE NEED FOR NON-SECTARIAN FAMILY LIFE EDUCATION IS SUGGESTED AS A METHOD OF PRESERVING THE WHOLESOME RURAL FAMILY ATMOSPHERE. THIS SPEECH WAS DELIVERED AT THE AMERICAN COUNTRY LIFE CONFERENCE (CHEVY CHASE, MARYLAND, JULY 12, 1960). (DK)

ED 020 842 RC 002 534

VIDICH, ARTHUR J. BENSMAN, JOSEPH

SMALL TOWN IN MASS SOCIETY--CLASS, POWER, AND RELIGION IN A RURAL COMMUNITY.

PUB DATE 60

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EDUCATIONAL ATTITUDES, *POWER STRUCTURE, *RURAL AREAS, *RURAL URBAN DIFFERENCES, *SOCIAL STRUCTURE, COMMUNITY LEADERS, COMMUNITY ORGANIZATIONS, ECONOMIC CLIMATE, LOCAL ISSUES, PERSONAL VALUES, POLITICAL ATTITUDES, RELIGIOUS DIFFERENCES, RURAL EDUCATION, SCHOOL COMMUNITY RELATIONSHIP, SOCIOECONOMIC INFLUENCES,

A RURAL DAIRY COMMUNITY IN UPSTATE NEW YORK IS THE SUBJECT OF THIS STUDY WRITTEN AFTER 3 YEARS OF PARTICIPATION BY THE AUTHORS IN THE DAILY LIFE OF THE COMMUNITY. THE ANALYSIS INCLUDES DESCRIPTIONS OF (1) THE VARIOUS SOCIAL CLASS GROUPS AND THEIR ECONOMIC PHILOSOPHIES AND SOCIAL ATTITUDES, (2) THE

POLITICAL POWERS, BOTH VISIBLE AND INVISIBLE, AND HOW THEY REACT TO COMMUNITY PROBLEMS AND PRESSURES, (3) THE RELATIONSHIP BETWEEN THE RURAL COMMUNITY AND INDUSTRIAL SOCIETY, (4) THE EXTENT AND TYPE OF FEDERAL AND STATE INVOLVEMENT IN COMMUNITY AFFAIRS, AND (5) THE RELATIONSHIP BETWEEN THE COMMUNITY AND THE SCHOOL, AND THE EFFECTS OF THE RURAL COMMUNITY ON THE EDUCATIONAL PROGRAM. THE SOCIAL-PSYCHOLOGICAL CONFLICTS OF RURAL LIFE AND THE METHODS BY WHICH THESE CONFLICTS ARE RESOLVED ARE PRESENTED. THIS BOOK IS AVAILABLE FROM PRINCETON UNIVERSITY PRESS, NEW JERSEY 08540, OR IN PAPERBACK FROM ANCHOR BOOKS, DOUBLEDAY AND COMPANY, INC., GARDEN CITY, NEW YORK 11530. (JEH)

ED 020 843 RC 002 536

ISENBERG, ROBERT M.

THE EVOLVING INTERMEDIATE UNIT.

PUB DATE 21 APR 66

EDRS PRICE MF-$0.25 HC-$0.48 10P.

DESCRIPTORS— *ADMINISTRATIVE ORGANIZATION, *GOVERNMENTAL STRUCTURE, *INTERMEDIATE ADMINISTRATIVE UNITS, *STATE AGENCIES, *STATE SCHOOL DISTRICT RELATIONSHIP, BOARD ADMINISTRATOR RELATIONSHIP, BOARDS OF EDUCATION, EVALUATION NEEDS, LEADERSHIP RESPONSIBILITY, LEGAL RESPONSIBILITY, PROFESSIONAL SERVICES, REGIONAL COOPERATION, STATE DEPARTMENTS OF EDUCATION, STATE LAWS, STATE LEGISLATION,

THE TRADITIONAL CONCEPT OF THE INTERMEDIATE ADMINISTRATIVE SCHOOL UNIT IS THAT OF THE COUNTY SUPERINTENDENT OF SCHOOLS OPERATING AS AN ARM OF THE STATE, WITH REGULATORY POWERS AND RECORD KEEPING DUTIES AS WELL AS EDUCATIONAL LEADERSHIP FUNCTIONS. THE NEW TYPE OF UNIT THAT IS EVOLVING IS LARGELY SERVICE ORIENTED (I.E., SPECIAL EDUCATION, DATA PROCESSING, CURRICULUM SPECIALISTS, ETC.), AND USUALLY IT COVERS A MULTI-COUNTY AREA. WHEN DETERMINING THE ORGANIZATIONAL STRUCTURE AND RESPONSIBILITIES OF THESE UNITS, IT MUST BE REMEMBERED THAT ALL LEVELS OF A 3-ECHELON STATE SCHOOL SYSTEM MAINTAIN A DELICATE BALANCE OF RELATIONSHIPS, AND EACH LEVEL REFLECTS CHANGES MADE IN ANY OTHER LEVEL. THE LEGISLATURE DELEGATES SPECIFIC FUNCTIONS TO THE VARIOUS LEVELS OF STATE ORGANIZATIONAL STRUCTURE. IT SHOULD BE REMEMBERED THAT LOCAL CONTROL OF EDUCATION IS IN EFFECT ONLY AS THE STATE LEGISLATURE CHOOSES TO MAKE IT, AND THAT NO IN-LINE STAFF HIERARCHY EXISTS BETWEEN THE DIFFERENT LEVELS. THIS PAPER WAS PRESENTED AT THE CONFERENCE ON SCHOOL DISTRICT REORGANIZATION AND THE INTERMEDIATE SERVICE UNIT (HARRISBURG, PA., APRIL 21-22, 1966). (DK)

ED 020 844 RC 002 537

CALVO, ROBERT C.

NUEVAS VISTAS (NEW VIEWS), A REPORT OF THE ANNUAL CONFERENCE OF THE CALIFORNIA STATE DEPARTMENT OF EDUCATION (1ST, LOS ANGELES, APRIL 13-14, 1967).

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO

REPORT NUMBER 75205-1810-300-4-68-2M

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$1.72 41P.

DESCRIPTORS— *CONFERENCE REPORTS, *ENGLISH (SECOND LANGUAGE), *MEXICAN AMERICANS, *MIGRANT EDUCATION, *SPANISH SPEAKING, ADULT EDUCATION PROGRAMS, COUNSELING PROGRAMS, CULTURAL BACKGROUND, CURRICULUM DEVELOPMENT, DISCUSSION GROUPS, EDUCATIONAL PROBLEMS, HEALTH SERVICES, LEGISLATION, PARENT PARTICIPATION, RESEARCH PROJECTS, TEACHER EDUCATION,

THE PROBLEMS TO BE FACED IN MEETING THE EDUCATIONAL NEEDS OF CALIFORNIA'S MEXICAN AMERICAN POPULATION WERE DISCUSSED AT THIS FIRST ANNUAL NUEVAS VISTAS CONFERENCE. THE FIRST PORTION OF THIS REPORT CONTAINS EXCERPTS FROM THE MAJOR ADDRESSES DELIVERED AT THE CONFERENCE. THE SECOND PORTION REPORTS THE PANEL DISCUSSIONS AND WORKSHOPS CONDUCTED AT THE MEETING. PERSONS INVOLVED IN PLANNING THE CONFERENCE ARE LISTED AS WELL AS THE SPONSORS. LISTINGS OF PERSONS PARTICIPATING IN THE PANELS AND WORKSHOPS ARE ALSO INCLUDED. (SW)

ED 020 845 RC 002 539

PALOMARES, UVALDO H. CUMMINS, EMERY J.

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH SIX, SAN YSIDRO, CALIFORNIA.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO

REPORT NUMBER DE7-150-4-68-1M

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$1.72 41P.

DESCRIPTORS— *ACADEMIC ACHIEVEMENT, *ELEMENTARY GRADES, *MEXICAN AMERICANS, *RURAL AREAS, *TESTING, BILINGUAL STUDENTS, CURRICULUM EVALUATION, EDUCATIONAL METHODS, ENGLISH (SECOND LANGUAGE), INSERVICE TEACHER EDUCATION, INTELLIGENCE TESTS, KINDERGARTEN CHILDREN, MATURITY TESTS, MEASUREMENT, MEXICAN AMERICAN EDUC RES PROJ, PERCEPTION TESTS, PERCEPTUAL MOTOR LEARNING, PERSONALITY TESTS, PRESCHOOL CHILDREN, PRESERVICE EDUCATION, READING TESTS, SAN YSIDRO ELEM SCH DIST, SOCIAL MATURITY,

MEXICAN-AMERICAN STUDENTS FROM 8 GRADE LEVELS WITHIN THE SAN YSIDRO, CALIFORNIA, ELEMENTARY SCHOOL DISTRICT WERE TESTED IN JUNE, 1967, AS PART OF AN EVALUATION OF THE RURAL MEXICAN-AMERICAN STUDENT POPULATION IN CALIFORNIA. ANALYSIS OF TEST RESULTS REVEALED THAT MEXICAN-AMERICAN STUDENTS FELL PROGRESSIVELY BEHIND IN PERCEPTUAL MOTOR DEVELOPMENT--A DEFICIT ATTRIBUTED TO BOTH HOME AND SCHOOL ENVIRONMENTS. LOW SELF-CONCEPT SCORES AND ABOVE-NORMAL SOCIAL MATURITY SCORES MAY HAVE REFLECTED THE DEMANDS OF 2 CULTURES ON THE MEXICAN-AMERICAN STUDENT. ACADEMIC ACHIEVEMENT PROGRESSIVELY DECLINED, POSSIBLY AS A RESULT OF THE DE-EMPHASIZING OF INDIVIDUALIZED INSTRUCTION AND THE ABSTRACTION DEMANDS MADE ON MEXICAN-AMERICAN STUDENTS BY MATERIALS GEARED TO MIDDLE-CLASS NORMS. TABLES SHOW WHICH TESTS WERE GIVEN TO WHICH GRADE LEVELS, AGE-GRADE RELATIONSHIPS, AND RESULTS BY INDIVIDUAL TEST. RELATED DOCUMENTS ARE RC002539 AND RC001775. (JEH)

ED 020 846 RC 002 540

PALOMARES, UVALDO H. CUMMINS, EMERY J.

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH TWELVE, WASCO, CALIFORNIA.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO

REPORT NUMBER DE7-151-4-68-1M

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$1.64 39P.

DESCRIPTORS— *ACADEMIC ACHIEVEMENT, *MEXICAN AMERICANS, *PERCEPTUAL MOTOR LEARNING, *RURAL AREAS, *TESTING, BILINGUAL STUDENTS, CURRICULUM EVALUATION, EDUCATIONAL METHODS, ELEMENTARY GRADES, INSERVICE TEACHER EDUCATION, INTELLIGENCE TESTS, KINDERGARTEN CHILDREN, MATURITY TESTS, MEASUREMENT, MEXICAN AMERICAN RES. PROJ, PERCEPTION TESTS, PERSONALITY TESTS, PRESCHOOL CHILDREN, PRESERVICE EDUCATION, SECONDARY GRADES, SOCIAL MATURITY,

MEXICAN-AMERICAN STUDENTS FROM 13 GRADE LEVELS WITHIN THE WASCO, CALIFORNIA, PUBLIC SCHOOLS WERE TESTED IN MARCH, 1967, AS PART OF AN EVALUATION OF STRENGTHS AND WEAKNESSES OF RURAL MEXICAN-AMERICAN STUDENTS IN CALIFORNIA. ANALYSIS OF TEST RESULTS REVEALED THAT MEXICAN-AMERICAN STUDENTS FELL PROGRESSIVELY BEHIND IN PERCEPTUAL MOTOR DEVELOPMENT--A DEFICIT ATTRIBUTED TO BOTH HOME AND SCHOOL ENVIRONMENTS. LOW SELF-CONCEPT SCORES AND ABOVE-NORMAL SOCIAL MATURITY SCORES MAY HAVE REFLECTED THE DEMANDS OF 2 CULTURES ON THE MEXICAN-AMERICAN STUDENT. ACADEMIC ACHIEVEMENT PROGRESSIVELY DECLINED, POSSIBLY AS A RESULT OF THE DE-EMPHASIZING OF INDIVIDUALIZED INSTRUCTION AND THE ABSTRACTION DEMANDS MADE ON MEXICAN-AMERICAN STUDENTS BY MATERIALS GEARED TO MIDDLE-CLASS NORMS. TABLES SHOW WHICH TESTS WERE GIVEN TO WHICH GRADE LEVELS, AGE-GRADE RELATIONSHIPS, AND RESULTS BY INDIVIDUAL TEST. RELATED DOCUMENTS ARE RC 002 539 AND RC 001 775. (JEH)

ED 020 847 RC 002 541

FAITH, DAVID W. DU BOIS, DENIS C.

PROGRAM OF OUTDOOR EDUCATION FOR SOUTHERN IDAHO, CURRICULUM GUIDE.

AMERICAN FALLS SCHOOL DISTRICT NO. 381, IDAHO

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$3.32 81P.

DESCRIPTORS— *CURRICULUM GUIDES, *EDUCATIONAL OBJECTIVES, *LESSON PLANS, *OUTDOOR EDUCATION, *SUMMER PROGRAMS, ACTIVITIES, AUDIOVISUAL AIDS, BIBLIOGRAPHIES, CONCEPT FORMATION, FINE ARTS, LANGUAGE ARTS, MATHEMATICS, PROBLEM SOLVING, RECREATIONAL ACTIVITIES, SCIENCES, SOCIAL STUDIES,

EDUCATIONAL OBJECTIVES, CONCEPTS, EXPERIENCES, AND DATA TO BE COVERED ARE PRESENTED WITH SUGGESTED ACTIVITIES AND DAILY LESSON PLANS TO PROVIDE TEACHERS IN A SUMMER OUTDOOR EDUCATION PROGRAM WITH MATERIALS TO REINFORCE AND ENHANCE TRADITIONAL CLASSROOM LEARNING. WEEKLY UNIT PLANS IN SCIENCE, LANGUAGE ARTS, MATHEMATICS, AND SOCIAL STUDIES COVER THE CONCEPT TO BE DEVELOPED, PROBLEMS, PROBLEM-SOLVING ACTIVITIES, AND FOLLOW-UP ACTIVITIES. THE APPENDIX INCLUDES (1) ADDITIONAL ACTIVITIES, WITH OBJECTIVES AND EXPERIENCES, IN EACH OF THE FOREGOING SUBJECT AREAS AS WELL AS NATURAL SCIENCE, EARTH SCIENCE, AND FINE ARTS, (2) SUGGESTED TRAVEL ACTIVITIES RELATED TO THE VARIOUS SUBJECT AREAS, AND (3) TEXTBOOK REFERENCES, BIBLIOGRAPHY, AND AUDIOVISUAL AID SUGGESTIONS. (SW)

ED 020 848 RC 002 545

NEW YORK STATE MIGRANT EDUCATION PROGRAM.

STATE UNIV. OF N.Y., ALBANY

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$0.20 3P.

DESCRIPTORS— *FINANCIAL SUPPORT, *MIGRANT EDUCATION, *SUMMER PROGRAMS, *TEACHER WORKSHOPS, COMMUNICATION SKILLS, EDUCATIONALLY DISADVANTAGED, INSERVICE PROGRAMS, ORIENTATION, PERSONALITY DEVELOPMENT, PRESCHOOL EVALUATION, TEACHER AIDES,

THE NEW YORK STATE MIGRANT EDUCATION PROGRAM FOR FISCAL YEAR 1968 IS A 7-PHASE PROGRAM. FOR SCHOOL-AGE CHILDREN, SUMMER SCHOOL PROGRAMS IN COMMUNICATION SKILLS AND ARITHMETIC RECEIVE TOP PRIORITY. SUMMER WORKSHOPS ARE CONDUCTED TO PREPARE TEACHERS TO RELATE MORE SATISFACTORILY TO MIGRANT CHILDREN. REGIONAL INSERVICE WORKSHOPS WITH EXPERT CONSULTANTS ARE CONDUCTED DURING THE SCHOOL YEAR. TWO PHASES DEAL WITH ADDITIONAL FUNDING TO SCHOOL DISTRICTS WITH HEAVY MIGRANT ENROLLMENTS IN THE FALL AND AGAIN IN THE EARLY SPRING. AN ORIENTATION PROGRAM CONSISTING OF PRESCHOOL CLASSES FOR

DIAGNOSTIC PURPOSES WILL PERMIT PROPER PLACEMENT OF MIGRANT CHILDREN. A TEACHER AIDE PROGRAM WITH INSERVICE TRAINING WORKSHOPS IS NECESSARY TO ASSIST TEACHERS IN BOTH SUMMER AND REGULAR SCHOOL TERM PROGRAMS. (JEH)

ED 020 849 RC 002 548

NEW YORK STATE INTERDEPARTMENTAL COMMITTEE ON FARM AND FOOD PROCESSING LABOR. 1967 REPORT.

NEW YORK STATE INTERDEPT. COMM. ON FARM LABOR

PUB DATE MAR 68

EDRS PRICE MF-$0.25 HC-$2.04 49P.

DESCRIPTORS— *ANNUAL REPORTS, *FARM LABOR, *MIGRANT EDUCATION, *PROGRAMS, *STATE AGENCIES, ACTIVITIES, CHILD CARE CENTERS, COMMITTEES, EXTENSION EDUCATION, GOVERNMENT ROLE, HEALTH SERVICES, MIGRANT CHILDREN, STATE AID, STATISTICAL DATA, TEACHER EDUCATION, WELFARE SERVICES,

A COMMITTEE OF REPRESENTATIVES FROM THE STATE EXTENSION SERVICE AND ALL DEPARTMENTS IN THE STATE GOVERNMENT CONCERNED WITH ANY ASPECT OF FARM LABOR HAS WRITTEN A REPORT OUTLINING THE FUNCTIONS, ACTIVITIES, AND PROGRAMS OF EACH MEMBER DEPARTMENT. DEPARTMENTS SUBMITTING INDIVIDUAL REPORTS ARE–AGRICULTURE AND MARKETS, EDUCATION, DIVISION OF STATE POLICE, HEALTH, LABOR, EMPLOYMENT, MOTOR VEHICLES, SOCIAL SERVICES, JOINT LEGISLATIVE COMMITTEE, AND THE EXTENSION SERVICE OF AGRICULTURE AND HOME ECONOMICS AT CORNELL UNIVERSITY. PROGRAMS DISCUSSED INCLUDE CHILD CARE, SUMMER EDUCATION, LAW ENFORCEMENT, HEALTH AND WELFARE SERVICE, FARM LABOR CAMPS, RECRUITMENT AND SUPPLY, INSPECTION, AND EDUCATIONAL EXTENSION. STATISTICAL DATA AND PICTURES ARE INCLUDED. (SW)

ED 020 850 RC 002 554

HUG, JOHN W. *WILSON, PHYLLIS J.*

CURRICULUM ENRICHMENT OUTDOORS.

PUB DATE 65

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CURRICULUM ENRICHMENT, *INSTRUCTIONAL AIDS, *INSTRUCTIONAL MATERIALS, *OUTDOOR EDUCATION, *TEACHING PROCEDURES, ACTIVITIES, BIBLIOGRAPHIES, CREATIVE ART, DISCOVERY LEARNING, HANDICRAFTS, INDEXES (LOCATERS), INSTRUCTIONAL IMPROVEMENT, LANGUAGE ARTS, MATHEMATICS, MUSIC, PROBLEM SOLVING, RECREATIONAL ACTIVITIES, SCIENCES, SENSORY EXPERIENCE, SOCIAL STUDIES, TEACHER MOTIVATION,

OUTDOOR EDUCATION IS NOT AN ADDITIONAL SUBJECT IN THE CURRICULUM, BUT IS A WAY OF LEARNING IN WHICH THE NATURAL ENVIRONMENT IS EFFECTIVELY USED TO TEACH THAT PART OF THE CURRICULUM THAT CAN BEST BE TAUGHT OUTDOORS, AND TO VITALIZE OTHER PARTS THROUGH FIRSTHAND EXPERIENCES. THE 363 SUGGESTED ACTIVITIES IN THIS BOOK ARE DESIGNED TO PROVIDE INSPIRATION FOR MANY TEACHERS TO INITIATE OUTDOOR EDUCATION EXPERIENCES, TO GIVE ADDITIONAL HELP TO THOSE TEACHERS ALREADY ENGAGED IN OUTDOOR EDUCATION, AND TO ENRICH VARIED SCHOOL CURRICULUMS. ACTIVITIES ARE LISTED ACCORDING TO GRADE LEVELS, PRIMARY THROUGH NINTH GRADE. A BIBLIOGRAPHY OF REFERENCES FOR TEACHERS IS INCLUDED, AS WELL AS A LIST OF PUBLISHERS OF CHILDREN'S MATERIALS USEFUL IN OUTDOOR EDUCATION. THIS BOOK IS AVAILABLE FROM HARPER AND ROW, PUBLISHERS, EVANSTON, ILLINOIS 60204. (DK)

ED 020 851 RC 002 559

GUIDELINES FOR THE EDUCATION OF MIGRANT CHILDREN AS AUTHORIZED UNDER PUBLIC LAW 89-750, TITLE I, ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$1.16 27P.

DESCRIPTORS— *CHARTS, *EDUCATIONAL PLANNING, *MIGRANT EDUCATION, *REGIONAL PLANNING, *STATE PROGRAMS, ADMINISTRATOR RESPONSIBILITY, ADVISORY COMMITTEES, ANCILLARY SERVICES, CALIFORNIA, COORDINATORS, EDUCATIONAL NEEDS, EVALUATION, MIGRANT CHILDREN, MINORITY GROUPS, PERSONNEL DATA, PERSONNEL INTEGRATION, PLANNING, PROGRAM DEVELOPMENT, PROJECT APPLICATIONS, PUBLIC LAW 89 750 TITLE 1, SCHOOL SERVICES,

CALIFORNIA PLANS TO ESTABLISH A STATEWIDE PROGRAM, BY REGIONS, FOR THE EDUCATION OF MIGRANT CHILDREN. THESE GUIDELINES CONTAIN REGIONAL MAPS AND ORGANIZATIONAL CHARTS INDICATING LINES OF RESPONSIBILITY, WHILE STAFFING PATTERNS AND INTERRELATIONSHIPS ARE GIVEN FOR ADMINISTRATIVE, SUPERVISORY, ADVISORY, AND COORDINATING PERSONNEL. DEFINITIONS AND/OR REQUIREMENTS ARE PROVIDED RELATING TO COMPREHENSIVE PROGRAMS, IDENTIFICATION OF MIGRANT CHILDREN, LEVEL OF FUNDING, IDENTIFICATION OF NEEDS, DEVELOPMENT OF MIGRANT EDUCATION PROJECTS, INTEGRATION, EVALUATION, AND PROJECT APPLICATION. (SW)

ED 020 852 RC 002 570

TAYLOR, LEE *JONES, ARTHUR R., JR.*

RURAL LIFE AND URBANIZED SOCIETY.

PUB DATE 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *AMERICAN HISTORY, *BEHAVIOR PATTERNS, *COMPARATIVE ANALYSIS, *RURAL URBAN DIFFERENCES, *URBANIZATION, AGRICULTURAL PRODUCTION, EDUCATIONAL CHANGE, FEDERAL PROGRAMS, GOVERNMENTAL STRUCTURE, HISTORICAL REVIEWS, LAND USE, LIVING STANDARDS, RELIGIOUS DIFFERENCES, RURAL ENVIRONMENT, RURAL POPULATION, SOCIAL STRUCTURE, URBAN ENVIRONMENT,

WIDESPREAD CHANGES IN RURAL AMERICAN LIFE HAVE RESULTED IN THE CONCEPT OF URBANIZED SOCIAL ORGANIZATION–THE REACTION AND INTERACTION OF RURAL AND URBAN CITIZENS TO THE SAME PATTERN OF SOCIAL ORGANIZATION. THE ENTIRE POPULATION HAS BECOME SUBJECT TO URBAN-DERIVED SOCIAL STRUCTURES. FACTORS SUCH AS TRANSPORTATION IMPROVEMENT AND MASS MEDIA DEVELOPMENT HAVE CONTRIBUTED TO A MERGING OF POPULATION. MODERN SCIENCE AND TECHNOLOGY HAVE CHANGED THE COMPLEXION OF AGRICULTURAL PRODUCTION TO WHERE A DECLINING FARM POPULATION IS OVERPRODUCING IN TERMS OF NATIONAL NEEDS. RURAL-URBAN DIFFERENCES IN EDUCATIONAL, FAMILY, AND POLITICAL INSTITUTIONS HAVE BEEN DISAPPEARING AS THE VALUES AND GOALS OF URBANIZED SOCIETY HAVE BECOME MORE PREVALENT. EXTENSIVE BIBLIOGRAPHIC CITATIONS FOLLOW EACH CHAPTER. THIS BOOK IS AVAILABLE FROM OXFORD UNIVERSITY PRESS, NEW YORK. (JEH)

ED 020 853 RC 002 571

KLEIN, BERNARD *ICOLARI, DANIEL*

REFERENCE ENCYCLOPEDIA OF THE AMERICAN INDIAN.

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *AMERICAN INDIANS, *BIBLIOGRAPHIES, *BIOGRAPHIES, *GEOGRAPHIC REGIONS, *REFERENCE BOOKS, AGENCIES, AUDIOVISUAL AIDS, COLLEGE PROGRAMS, GROUPS, HANDICRAFTS, LEADERSHIP, LIBRARIES, MINORITY GROUPS, MUSEUMS, PUBLICATIONS, SCHOOLS,

RELATED SOURCE MATERIALS ON AMERICAN INDIANS HAVE BEEN COMPILED IN AN ATTEMPT TO CREATE A GREATER AWARENESS OF THE HISTORY AND CONTEMPORARY LIFE OF AMERICA'S "FIRST COMERS"–THEIR DIVERSIFIED CULTURAL AND SOCIAL HISTORY, LANGUAGES, RELIGIOUS PRACTICES, ART FORMS, AND ACHIEVEMENTS WHICH RANK SOME OF THEM AMONG THE GREAT MEN AND WOMEN OF THIS NATION. INFORMATION SOURCES ARE ORGANIZED BY CATEGORY, I.E., MUSEUMS, LIBRARIES, TRIBAL COUNCILS, SCHOOLS, MAGAZINES AND PERIODICALS, BIBLIOGRAPHIES, ETC. WITHIN CATEGORIES, LISTINGS ARE ARRANGED EITHER ALPHABETICALLY OR GEOGRAPHICALLY. EACH SECTION BEGINS WITH A SHORT EXPLANATION OF SOURCE TYPE AND ARRANGEMENT. AN EXTENSIVE WHO'S WHO OF PERSONS ACTIVE IN AMERICAN INDIAN AFFAIRS CONCLUDES THE DOCUMENT. THIS BOOK IS AVAILABLE FROM B. KLEIN AND COMPANY, NEW YORK, NEW YORK 10011. (SW)

ED 020 854 RC 002 582

COPP, JAMES H., ED.

OUR CHANGING RURAL SOCIETY–PERSPECTIVES AND TRENDS.

PUB DATE 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *AGRICULTURAL TRENDS, *FAMILY (SOCIOLOGICAL UNIT), *POPULATION TRENDS, *RURAL AREAS, *SOCIAL CHANGE, CHANGE AGENTS, COMMUNITY CHANGE, COMMUNITY DEVELOPMENT, FAMILY STRUCTURE, RURAL ECONOMICS, RURAL ENVIRONMENT, RURAL POPULATION,

POPULATION SHIFTS AND GROWTH, COUPLED WITH AN INCREASINGLY INDUSTRIALIZED SOCIETY, HAVE PRODUCED DRAMATIC CHANGES IN RURAL SOCIETIES THROUGHOUT THE WORLD. A COMPREHENSIVE OVERVIEW OF THE CHANGES TAKING PLACE IN RURAL AMERICAN AND OTHER RURAL SOCIETIES IS PRESENTED IN THIS BOOK, WITH MACROSCOPIC AND MICROSCOPIC EXAMINATIONS OF TRENDS IN SOCIETY, AGRICULTURAL DEVELOPMENTS, FAMILY STRUCTURE, AND RURAL COMMUNITIES PROVIDING A WIDE PERSPECTIVE OF MODERN RURAL SOCIETY. THIS BOOK IS AVAILABLE FROM IOWA STATE UNIVERSITY PRESS, AMES, IOWA 50010. (DK)

ED 020 855 24 RE 001 217

BENDER, MARTIN L.

A VOLUNTARY PREKINDERGARTEN LANGUAGE DEVELOPMENT AND READING PROGRAM FOR THE ENTIRE FOUR-YEAR-OLD POPULATION OF A CITY (AN INVESTIGATION OF MACHINE-TAUGHT READING). FINAL REPORT.

MOUNT VERNON PUBLIC SCHOOLS, N.Y.

REPORT NUMBER BR-6-1383

PUB DATE FEB 68

GRANT OEG-1-6-061383-2096

EDRS PRICE MF-$0.50 HC-$3.16 77P.

DESCRIPTORS— *COMPUTER ASSISTED INSTRUCTION, *CULTURALLY DISADVANTAGED, *PRESCHOOL CHILDREN, *PRESCHOOL PROGRAMS, *TEACHING MACHINES, EARLY READING, EDISON RESPONSIVE ENVIRONMENT SYSTEM (ERE), LANGUAGE DEVELOPMENT, PREREADING EXPERIENCE, PROGRAMED INSTRUCTION, READING READINESS, STORY TELLING AUTOMATIC READING TUTOR (START),

FOUR STUDIES CONDUCTED BY THE MOUNT VERNON PUBLIC SCHOOLS OVER A PERIOD OF FIVE SEMESTERS INVOLVED MACHINE-TEACHING READING TO 240 DISADVANTAGED PREKINDERGARTEN CHILDREN FROM THE CHILDREN'S CENTER AND THE CHILD DEVELOPMENT CENTER TO PREPARE THEM FOR MORE SUCCESSFUL KINDERGARTEN LEARNING THROUGH ACADEMICALLY-ORIENTED READINESS ACTIVITIES IN AN AMERICAN MONTESSORI CLASSROOM SETTING. THE CHILDREN'S CENTER SUBJECTS ATTENDED 1-HOUR SESSIONS WHILE THE CHILD DEVELOPMENT CENTER SUBJECTS ATTENDED 3-HOUR SESSIONS. EXPERIMENTAL GROUPS FROM BOTH CENTERS USED THE EDISON-RESPONSIVE- ENVIRONMENT TALKING TYPEWRITER AND THE STORY-TELLING-AUTOMATIC READING TUTOR MACHINES WITH PROGRAMS WHICH UTILIZED LINGUISTIC VOWEL-SOUNDS METHODS. THE CONTROL GROUPS USED THE SAME MACHINES BUT DID NOT RECEIVE PROGRAM TRAINING. RESULTS

SHOWED SUPERIOR PERFORMANCE BY THE PROGRAM SUBJECTS, BUT THERE WERE NO SIGNIFICANT DIFFERENCES IN THE PERFORMANCE OF PROGRAM SUBJECTS USING DIFFERENT TEACHING MACHINES. THE 1-HOUR SESSION PROVED TO BE AS EFFECTIVE AS THE 3-HOUR SESSION. THESE RESULTS IMPLY THAT GREATER CONSIDERATION SHOULD BE GIVEN TO MORE ECONOMICAL PROGRAM SYSTEMS AND THAT CLASS TIME COULD BE REDUCED BY HALF WITHOUT LOSS IN LEARNING. (AUTHOR/NS)

ED 020 856 RE 001 253

HALES, CARMA J. AND OTHERS

A TEACHER'S GUIDE TO CONTINUOUS PROGRESS IN READING INSTRUCTION, 1967.

REPORT NUMBER TITLE-3-DPSC-67-3068

PUB DATE 67

EDRS PRICE MF-$0.50 HC-$3.60 88P.

DESCRIPTORS— *BASIC READING, *DEVELOPMENT READING, *READING PROGRAMS, *TEACHING GUIDES, CONTINOUS PROGRESS EDUCATION PROJECT, ORAL READING, READING COMPREHENSION, STUDY SKILLS, TITLE 3, VOCABULARY, WORD RECOGNITION,

CONTINUOUS PROGRESS EDUCATION, A TITLE III PROJECT, OPERATES ON THE ASSUMPTION THAT EVERY CHILD IS UNIQUE IN HIS OWN NEEDS AND CAPABILITIES. TO INSURE OPTIMUM LEARNING AND DEVELOPMENT FOR EACH CHILD, THESE NEEDS SHOULD BE CAREFULLY PROVIDED FOR. THE IMPLEMENTATION OF A CONTINUOUS PROGRESS PROGRAM DEPENDS ON THE CLARIFICATION OF LONG RANGE GOALS AND SPECIFIC BEHAVIORAL OBJECTIVES AND ON THE IDENTIFICATION OF THE SKILLS AND CONCEPTS TOWARD WHICH LEARNING SHOULD BE GEARED. FOR CONTINOUS PROGRESS IN READING INSTRUCTION, A GUIDE WAS DEVELOPED FOR INITIATING A READING PROGRAM THAT ESPOUSES THE BASIC PHILOSOPHY OF CONTINUOUS PROGRESS EDUCATION. IT GIVES AN OVERVIEW OF GOALS FOR DEVELOPING READING INTEREST AND COMPETENCE, ORGANIZING INSTRUCTION, SETTING UP BEHAVIORAL OBJECTIVES, AND APPRAISING READING GROWTH. SUGGESTED BEHAVIORAL OBJECTIVES FOR EACH OF THE ELEMENTS OF A SEQUENTIAL PROGRAM OF READING SKILLS COVER WORD ATTACK, VOCABULARY, COMPREHENSION, AND APPLIED READING. IT ALSO LISTS WAYS OF IMPLEMENTING THE PROGRAM THROUGH AN ENVIRONMENT ORGANIZED FOR OPTIMUM LEARNING AND THROUGH APPROPRIATE AND ADEQUATE MATERIALS AND LEARNING EXPERIENCES WHICH MEET TOTAL GROUP AND INDIVIDUAL PUPIL NEEDS. THE GUIDE IS WELL APPENDED WITH SAMPLE LESSON PLANS, GUIDELINES, AND EVALUATIVE TECHNIQUES, AND OFFERS AN EXTENSIVE BIBLIOGRAPHY FOR INTERESTED TEACHERS. (NS)

ED 020 857 RE 001 279

HANDBOOK FOR ENGLISH LANGUAGE ARTS, GRADES 5-12, READING AND LITERATURE.

NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, N.Y.

REPORT NUMBER CB-10

PUB DATE 68

EDRS PRICE MF-$1.50 HC NOT AVAILABLE FROM EDRS. 340P.

DESCRIPTORS— *CURRICULUM GUIDES, *INTERMEDIATE GRADES, *LITERATURE, *READING, *SECONDARY GRADES, ENGLISH (SECOND LANGUAGE), INSTRUCTIONAL MATERIALS, INSTRUCTIONAL PROGRAMS, LANGUAGE ARTS, TEACHING METHODS,

THIS CURRICULUM GUIDE FOR THE ENGLISH LANGUAGE ARTS IS ORGANIZED INTO TWO MAJOR SECTIONS – READING AND LITERATURE. THE GUIDE IS DESIGNED TO PROVIDE PRACTICAL ASSISTANCE TO TEACHERS OF PUPILS IN GRADES 5 THROUGH 12. OVERVIEWS OF THE CURRICULA, INSTRUCTIONAL MATERIALS, DISCUSSIONS OF METHODS, ILLUSTRATIVE LESSONS AND UNITS, SCOPE AND SEQUENCE IN SKILLS AND CONTENT, AND READING FOR SECOND-LANGUAGE STUDENTS ARE AMONG THE SUBJECTS TREATED IN THE 10 CHAPTERS. THIS GUIDE IS ALSO AVAILABLE FOR $4.00 FROM THE BOARD OF EDUCATION OF THE CITY OF NEW YORK, PUBLICATIONS SALES OFFICE, 110 LIVINGSTON STREET, BROOKLYN, NEW YORK 11201. CHECKS SHOULD BE MADE PAYABLE TO AUDITOR, BOARD OF EDUCATION. (KJ)

ED 020 858 RE 001 282

A GUIDE FOR BEGINNING TEACHERS OF READING, GRADES 1-4.

NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, N.Y.

REPORT NUMBER CB-5

PUB DATE 67

EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 119P.

DESCRIPTORS— *BEGINNING TEACHERS, *CURRICULUM GUIDES, *PRIMARY GRADES, *READING INSTRUCTION, *TEACHING GUIDES, GROUPING (INSTRUCTIONAL PURPOSES), INSTRUCTIONAL AIDS, LESSON PLANS, PROGRAM PLANNING, READING MATERIALS, READING PROGRAMS, READING SKILLS, READING TESTS, RESOURCE GUIDES,

PRACTICAL SUGGESTIONS, DESCRIPTIONS OF PROCEDURES, AND SAMPLES OF RECORDS, LESSON PLANS, EXERCISES, TEST ITEMS, AND ACTIVITIES ARE INCLUDED IN THIS GUIDE FOR BEGINNING TEACHERS. THE GUIDE IS ORGANIZED UNDER THE FOLLOWING CHAPTER TITLES – (1) LEARNING ABOUT THE CHILD, (2) CLASS ORGANIZATION, (3) BECOMING ACQUAINTED WITH MATERIALS, (4) GETTING STARTED IN READING, (5) TEACHING THE READING SKILLS, AND (6) EVALUATION OF READING. A LIST OF THE DOLCH BASIC SIGHT VOCABULARY, A BIBLIOGRAPHY OF PROFESSIONAL BOOKS AND JOURNALS, AND SUGGESTIONS FOR PREPARING PUPILS FOR THE ADMINISTRATION OF TESTS ARE INCLUDED. THIS DOCUMENT IS ALSO AVAILABLE FOR $2.00 AS CURRICULUM BULLETIN NO. 5, 1967-68 SERIES FROM THE BOARD OF EDUCATION OF THE CITY OF NEW YORK, PUBLICATIONS SALES OFFICE, 110 LIVINGSTON ST., BROOKLY, NEW YORK 11201. (KJ)

ED 020 859 24 RE 001 283

MORRILL, KATHERINE A.

A COMPARISON OF TWO METHODS OF READING SUPERVISION. REPORT.

HARTFORD UNIV., WEST HARTFORD, CONN.

REPORT NUMBER CRP-2706

PUB DATE 65

EDRS PRICE MF-$0.50 HC-$2.84 69P.

DESCRIPTORS— *GRADE 1, *INSERVICE EDUCATION, *READING CONSULTANTS, *READING PROGRAMS, BEGINNING TEACHERS, CONNECTICUT PUBLIC SCHOOLS, ELEMENTARY SCHOOL TEACHERS, INSERVICE PROGRAMS, READING ACHIEVEMENT, TEACHER DEVELOPED MATERIALS, TEACHER WORKSHOPS, WALLINGFORD,

AN EXPERIMENTAL GROUP OF 18 FIRST-GRADE TEACHERS FROM FIVE SCHOOLS WAS RELEASED 1/2 DAY TWICE EACH MONTH FOR A SERIES OF DISCUSSION MEETINGS WITH THE READING CONSULTANT. A CONTROL GROUP OF 17 FIRST-GRADE TEACHERS FROM THE OTHER FIVE SCHOOLS IN THE SAME DISTRICT WAS EXPOSED TO THE TYPICAL CONSULTANT SITUATION – HELP GIVEN AT THE REQUEST OF THE TEACHER OR PRINCIPAL. THE TWO GROUPS WERE BALANCED FOR TEACHER EXPERIENCE. FIFTEEN 2-HOUR MEETINGS WERE HELD FOR THE EXPERIMENTAL GROUP DURING WHICH GUEST SPEAKERS OFFERED SUGGESTIONS, SHARED METHODS AND MATERIALS, AND CONSTRUCTED TEACHING AIDS. THE READING ACHIEVEMENT SCORES OF THE CHILDREN IN THE CLASSES TAUGHT BY THE TWO GROUPS WERE COMPARED AT THE END OF THE EXPERIMENTAL PERIOD. SIGNIFICANT DIFFERENCES AT THE .05 LEVEL FAVORING THE CONTROL GROUP WERE FOUND ON THE PARAGRAPH MEANING AND THE VOCABULARY TESTS OF THE STANFORD ACHIEVEMENT TEST, PRIMARY BATTERY AND ON THE WORD RECOGNITION TEST OF THE GATES PRIMARY TEST. APPENDICES AND A BIBLIOGRAPHY ARE GIVEN. (RJ)

ED 020 860 24 RE 001 285

KARRAKER, R.J.

TEACHING BEGINNING READERS TO DISTINGUISH BETWEEN SIMILAR LETTERS OF THE ALPHABET. FINAL REPORT.

MISSOURI UNIV., KANSAS CITY

REPORT NUMBER BR-6-1655

PUB DATE MAR 68

CONTRACT OEC-3-7-001655-0465

EDRS PRICE MF-$0.25 HC-$1.84 44P.

DESCRIPTORS— *BEGINNING READING, *DISCRIMINATION LEARNING, *PROGRAMED INSTRUCTION, *READING, *VISUAL PERCEPTION, LATERAL DOMINANCE, MENTAL AGE, ORTHOGRAPHIC SYMBOLS, READING READINESS, VISUAL DISCRIMINATION,

RECENT RESEARCH ON THE DISCRIMINATION PROCESS INDICATES THAT ERRORLESS LEARNING CAN OCCUR IF STIMULI ARE CAREFULLY PROGRAMED SO THAT THEY ARE DISSIMILAR AND GRADUALLY BECOME MORE SIMILAR AS TRAINING PROCEEDS. TO ASSESS THIS APPROACH IN TEACHING THE LOWER-CASE LETTER B AND D WITH KINDERGARTEN SUBJECTS, TWO SETS OF STIMILI CONSTITUTED THE FIRST EXPERIMENTAL VARIABLE. IN THE PROGRESSIVE VALUE OF THIS VARIABLE, COLOR, SIZE, PRESENCE OF PROMPTS, AND DURATION OF PRESENTATION WERE PROGRESSIVELY FADED TO THE TERMINAL DISCRIMINATION. THE SECOND VALUE OF THIS VARIABLE WAS THE TERMINAL DISCRIMINATION IN THE PROGRESSIVE STIMULI–THE B AND D CONSTANT IN THE ATTRIBUTES OF COLOR, SIZE, DURATION OF PRESENTATION, AND ABSENCE OF PROMPTS. THE SECOND VARIABLE WAS THE TIME OF INTRODUCTION OF THE SECOND LETTER. TWO SEPARATE ANALYSES OF COVARIANCE REVEALED SIGNIFICANT EFFECTS FOR THE TIME VARIABLE, BUT NOT FOR THE PROGRESSIVE-CONSTANT VARIABLE. THE EARLY-PROGRESSIVE COMBINATION RESULTED IN 81 PERCENT OF THE SUBJECTS LEARNING THE DISCRIMINATION WITH UNDER 10 PERCENT ERRORS. WHEN SUBJECTS WERE CATEGORIZED INTO SAME, MIXED, OR CROSSED LATERAL DOMINANCE, NO DIFFERENCES IN ERRORS ON THE TASK WERE OBSERVED. THE SUBJECTS WHO LEARNED THE DISCRIMINATION WITHOUT ERRORS SUBSEQUENTLY COULD NOT DRAW THE LETTERS. FIFTY-FIVE REFERENCES ARE INCLUDED. (AUTHOR/KJ)

ED 020 861 24 RE 001 286

MACLEAN, GEORGE KEAR, EDWARD

THE COLLECTION AND STATISTICAL EVALUATION OF QUANTITATIVE DATA FOR HAND-EYE COORDINATION WITH RESPECT TO DETERMINING ITS CORRELATION WITH READING DISABILITY AT BOTH THE PRIMARY AND SECONDARY SCHOOL LEVELS. FINAL REPORT.

CLARKSON COLL. OF TECHNOLOGY, POTSDAM, N.Y.

REPORT NUMBER BR-6-8324

PUB DATE JUN 67

CONTRACT OEC-1-6-068324-0653

EDRS PRICE MF-$0.25 HC-$1.52 36P.

DESCRIPTORS— *ELEMENTARY SCHOOL STUDENTS, *EYE HAND COORDINATION, *HIGH SCHOOL STUDENTS, *READING ABILITY, *READING DIFFICULTY, DATA ANALYSIS, MEASUREMENT INSTRUMENTS, MEASUREMENT TECHNIQUES, READING DIAGNOSIS,

THE POSSIBILITY OF A CORRELATION BETWEEN HAND-EYE COORDINATION AND READING DISABILITY WAS INVESTIGATED. CHILDREN FROM GRADES 2 TO 12 WERE TESTED TO DETERMINE THEIR HAND-EYE COORDINATION USING A PORTABLE TESTING DEVICE FOR QUANTATIVE MEASURE RECENTLY DEVELOPED. THE SUBJECTS INCLUDED APPROXIMATELY 1,700 NORMAL PUBLIC SCHOOL STUDENTS AND 290 STUDENTS DIAGNOSED AS POOR READERS BY READING CLINICS. THE SUBJECT'S READING ABILITY

WAS DETERMINED THROUGH THE USE OF THE STANDARDIZED READING TESTS ADMINISTERED BY SCHOOL PERSONNEL. STATISTICAL ANALYSIS OF THE DATA, AFTER IT WAS NORMALIZED FOR THE EFFECT OF AGE, INDICATED NO CORRELATION BETWEEN HAND-EYE COORDINATION AND READING DISABILITY ABOVE THE SECOND- GRADE LEVEL. HOWEVER, SINCE THIS WAS THE YOUNGEST GROUP TESTED, MORE WORK MUST BE DONE IN THE YOUNGER AGE RANGE BEFORE ANY CONCLUSIONS CAN BE REACHED. REFERENCES ARE LISTED, AND 6 APPENDIXES OF DETAILED DATA ANALYSIS ARE INCLUDED. (AUTHOR/BS)

ED 020 862 RE 001 324

GRAHAM, ROBERT J.

THE IMPACT OF PL 89-10 TITLE I ACTIVITIES ON THE READING COMPETENCE OF ELEMENTARY AND SECONDARY SCHOOL LEARNERS. FINAL REPORT.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK

REPORT NUMBER OE-6-99-162

PUB DATE MAY 68

CONTRACT OEC-6-99-162

EDRS PRICE MF-$0.50 HC-$4.84 119P.

DESCRIPTORS— *BEGINNING READING, *LINGUISTIC PATTERNS, *READING COMPREHENSION, *STRUCTURAL ANALYSIS, *WORD RECOGNITION, GRAPHEMES, INTONATION, MORPHEMES, PHONEMICS, READING SKILLS, SILENT READING, SPEECH, SYNTAX, WORD STUDY SKILLS,

MUCH OF LANGUAGE ARTS TEACHING IS BASED ON THE ASSUMPTION THAT WORDS ARE NATURAL UNITS OF LANGUAGE AND THAT PRINTED WORDS HAVE ONE-TO-ONE CORRESPONDENCES WITH WORDS IN SPEECH. THE OUTCOME OF THIS ASSUMPTION IS TO EMPHASIZE THE DEVELOPMENT OF THE CHILD'S SIGHT VOCABULARY AND WORD PERCEPTION, ESPECIALLY IN RELATION TO THE TEACHING OF READING. INSTEAD OF REGARDING WORDS AND MORPHEMES AS USEFUL CONSTRUCTS FOR DIVIDING LONGER UNITS OF LANGUAGE INTO SEGMENTAL UNITS, THESE LONGER UNITS ARE CONSIDERED ACCUMULATIONS OF WORDS OR MORPHEMES. EDUCATED PEOPLE USUALLY IMPOSE THE CHARACTERISTICS OF WRITTEN WORDS ON ORAL LANGUAGE, FORGETTING THAT PHONEMIC, MORPHEMIC, SYNTACTICAL, GRAPHEMIC, AND MORPHOLOGICAL STRUCTURES DO NOT HAVE PERFECT CORRESPONDENCE AMONG THEM. THE WORD IS A UNIT OF WRITTEN SYMBOLISM, BUT CHILDREN SPEAK IN LANGUAGE. A LIST OF FIVE WORDS IS NOT COMARABLE TO A FIVE-WORD SENTENCE. LESS WORD-CENTEREDNESS IN READING MATERIALS AND READING INSTRUCTION SHOULD BE ATTEMPTED, AND CHILDREN SHOULD BE HELPED TO SEE PHRASES AS SUBDIVISIONS OF SENTENCES. THIS PAPER WAS PRESENTED AT THE INTERNATIONAL READING ASSOCIATION CONFERENCE (BOSTON, APRIL 24-27, 1968). (WL)

ED 020 863 RE 001 325

KAUFMAN, MAURICE

FIGURE-GROUND IN VISUAL PERCEPTION.

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$0.52 11P.

DESCRIPTORS— *NEUROLOGICAL ORGANIZATION, *SENSORY TRAINING, *VISUAL PERCEPTION, *VISUAL STIMULI, ACADEMIC PERFORMANCE, EYE HAND COORDINATION, FROSTIG TEST, KEPHART VISUAL ACHIEVEMENT FORMS, LEARNING DIFFICULTIES, MENTALLY HANDICAPPED,

INJURY TO THE NERVOUS SYSTEM CAN RESULT IN DEFECTS OF FIGURE FORMATION SUCH AS LACK OF PRECISION OF FIGURE AND UNCERTAINTY AS TO WHICH IS FIGURE AND WHICH IS GROUND. IMPAIRMENT OF FIGURE GROUND PROCESSES MAY BE LIMITED TO ONE AREA OF THE NERVOUS SYSTEM FUNCTION. DISTURBANCE IN FIGURE FORMATION MAY NOT RESULT IN PERCEPTION DISTURBANCES, DEPENDING ON THE EXACT LOCATION OF THE INJURY. FOR EDUCATIONAL USEFULNESS, A CATEGORIZATION OF SOME OF THE FIGURE-GROUND CHARACTERISTICS AND POSSIBLE DEFECTS ARISING FROM NERVOUS IMPAIRMENT IS NEEDED. THIS LISTING COULD INCLUDE DIFFERENTIATION OF INTERSECTING FIGURES, PERCEPTION OF A COMPEX FIGURE AS A WHOLE, ABILITY TO WITHSTAND DISTRACTION BY OTHER STIMULI, AND INSTABILITY OF FIGURE. THOUGH THESE CATEGORIES ARE RELATED, THEY MAY BE INDEPENDENT. TWO TYPES OF REMEDIAL TECHNIQUES ARE AVAILABLE--(1) CIRCUMVENTION OF THE PROBLEM, AND (2) DIRECT IMPROVEMENT OF THE PERCEPTUAL ABILITY. REMEDIATION OF A PERCEPTUAL DISORDER MAY NOT RESULT IN ACADEMIC IMPROVEMENT. NINE REFERENCES ARE INCLUDED. THIS PAPER WAS PRESENTED AT THE INTERNATIONAL READING ASSOCIATION CONFERENCE (BOSTON, APRIL 24-27, 1968). (WL)

ED 020 864 RE 001 330

GOODMAN, KENNETH S.

WORDS AND MORPHEMES IN READING.

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *FEDERAL PROGRAMS, *GRADE 4, *GRADE 7, *PROJECTS, *STUDENT IMPROVEMENT, APPALACHIA, INSTRUCTIONAL MATERIALS, READING ACHIEVEMENT, SOCIOECONOMIC BACKGROUND, STUDENT ATTITUDES, TEACHER ATTITUDES, TEACHER QUALIFICATIONS,

THIS REPORT REPRESENTS AN ASSESSMENT OF THE FIRST FULL SCHOOL YEAR OF 1,429 FOURTH AND SEVENTH GRADERS RECEIVING TITLE I INSTRUCTION IN 16 SCHOOL DISTRICTS OF NORTHERN APPALACHIA. THE STUDY WAS CONCERNED WITH THE EFFECTIVENESS OF VARIOUS PROJECTS ON THE READING ACHIEVEMENT OF CHILDREN. THE FOLLOWING QUESTIONS ARE CONSIDERED PERTINENT TO THE EVALUATION--(1) WERE THERE SIGNIFICANT DIFFERENCES BETWEEN DISADVANTAGED CHILDREN RECEIVING TITLE I INSTRUCTION AND DISADVANTAGED CHILDREN NOT RECEIVING SUCH INSTRUCTION, (2) WERE THERE SIGNIFICANT DIFFERENCES BETWEEN PUBLIC AND NONPUBLIC CHILDREN, (3) WHAT RELATIONSHIP EXISTED BETWEEN READING PROGRESS AND SOCIOECONOMIC BACKGROUNDS, (4) WAS SPECIALIZED READING INSTRUCTION EFFECTIVE FOR ELEMENTARY AND SECONDARY SCHOOL CHILDREN, (5) WHAT RELATIONSHIPS EXISTED BETWEEN THE ORGANIZATION FOR INSTRUCTION AND READING ACHIEVEMENT, (6) WAS THERE ANY RELATIONSHIP BETWEEN THE CLASSROOM BEHAVIOR OF TITLE I TEACHERS AND STUDENT ACHIEVEMENT, AND (7) WAS THERE ANY RELATIONSHIP BETWEEN READING ATTITUDE AND READING ACHIEVEMENT. FOURTH-GRADE RURAL CHILD MADE THE GREATEST GAINS. THE ATTITUDES OF FOURTH GRADERS BUT NOT OF SEVENTH GRADERS WERE ALTERED SUCCESSFULLY. THERE WAS NO SIGNIFICANT DIFFERENCE BETWEEN PUBLIC AND NONPUBLIC SCHOOL CHILDREN. TABLES AND APPENDICES ARE PROVIDED. (WL)

ED 020 865 RE 001 342

MANGRUM, CHARLES T.

A CITATION BIBLIOGRAPHY OF SELECTED SOURCES ON DYSLEXIA AND LEARNING DISABILITIES.

INDIANA UNIV., BLOOMINGTON, ERIC CH. ON READING

REPORT NUMBER ERIC-CRIER-VOL-1-BIBLIOGR-9

PUB DATE MAY 68

EDRS PRICE MF-$0.50 HC-$3.20 78P.

DESCRIPTORS— *BIBLIOGRAPHIES, *DYSLEXIA, *LEARNING DIFFICULTIES, INFORMATION SOURCES, NEUROLOGICAL DEFECTS, READING CLINICS, READING DIFFICULTY,

APPROXIMATELY 1,400 CITATIONS RANGING IN DATE FROM 1868 TO 1967 WHICH RELATE TO DYSLEXIA AND LEARNING DISABILITIES ARE INCLUDED IN THIS BIBLIOGRAPHY WHICH IS A COMPILATION OF LISTS SUBMITTED TO ERIC/CRIER BY INVESTIGATORS INTERESTED IN THE TOPICS. CITATIONS ARE ARRANGED ALPHABETICALLY BY AUTHOR AND INCLUDE BOOKS, MONOGRAPHS, MANUALS, AND PUBLISHED AND UNPUBLISHED JOURNAL LITERATURE AND PAPERS. (BS)

ED 020 866 RE 001 343

LEE, DORRIS AND OTHERS

CRITICAL READING DEVELOPS EARLY.

INTERNATIONAL READING ASSN., NEWARK, DEL.

PUB DATE 68

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CREATIVE EXPRESSION, *CRITICAL READING, *CRITICAL THINKING, *PRESCHOOL CHILDREN, *VERBAL COMMUNICATION, COGNITIVE PROCESSES, CREATIVE THINKING, DECISION MAKING SKILLS, THOUGHT PROCESSES,

THIS ISSUE OF THE READING AIDS SERIES PRESENTS A DISCUSSION OF THE POTENTIAL FOR CRITICAL READING AMONG YOUNG CHILDREN AND HOW IT CAN BE DEVELOPED. IT OFFERS SUGGESTIONS FOR THE MAXIMUM DEVELOPMENT OF THINKING SKILLS AND ATTITUDES OF INQUIRY AND EVALUATION. SOME OF THE TOPICS DISCUSSED ARE – (1) THE DEVELOPMENT OF PERCEPTS, CONCEPTS, AND COMMON MEANINGS, (2) THE NEED TO VERBALIZE AND INTERPRET, (3) INDIVIDUAL DIFFERENCES, AND (4) HELPING CHILDREN ORGANIZE THEIR THOUGHTS, DRAW CONCLUSIONS, AND MADE JUDGMENTS. PARENTS AND TEACHERS ARE ADVISED TO ENCOURAGE YOUNG CHILDREN TO BE AWARE OF THEIR SURROUNDINGS, TO VERBALIZE THEIR INTERPRETATIONS OF THEIR SURROUNDINGS, AND TO EXTEND AND PROCESS THEIR CONCEPTS, IDEAS, AND SPEECH PATTERNS. ADEQUATE OPPORTUNITIES FOR CREATIVE ORAL AND WRITTEN EXPRESSION, DECISION MAKING, DISCOVERY, AND CREATIVE EXPERIMENTATION SHOULD BE PROVIDED. SEVERAL VIGNETTES OF YOUNG CHILDREN'S EFFORTS TO VERBALIZE ARE ANALYZED AND COMMENTED ON. SEVEN REFERENCES ON CHILDREN'S THINKING ARE CITED. THIS PUBLICATION IS AVAILABLE FROM THE INTERNATIONAL READING ASSOCIATION, SIX TYRE AVENUE, NEWARK, DELAWARE 19711. THE PRICE IS $1.75 FOR MEMBERS, $2.00 FOR NONMEMBERS. (NS)

ED 020 867 RE 001 345

DAWSON, MILDRED A.

DEVELOPING HIGH SCHOOL READING PROGRAMS.

INTERNATIONAL READING ASSN., NEWARK, DEL.

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *HIGH SCHOOLS, *PROGRAM DEVELOPMENT, *READING PROGRAMS, CURRICULUM, DEVELOPMENTAL READING, PROGRAM GUIDES, REMEDIAL READING PROGRAMS, TEACHING PROCEDURES, TEACHING TECHNIQUES,

FORTY-FOUR REPRINTS CONCERNING HIGH SCHOOL READING PROGRAMS SELECTED FROM "THE READING TEACHER" AND THE "JOURNAL OF READING" AND THE PROCEEDINGS OF THE INTERNATIONAL READING ASSOCIATION ARE PRESENTED. THE CRITERIA FOR SELECTION WERE CONSISTENCY WITH ACCEPTED CURRICULAR AND INSTRUCTIONAL PRINCIPLES, CURRENT APPROPRIATENESS, DUPLICATION, AND PRACTICALITY. THE VOLUME DIVISIONS ARE--(1) THE NATURE OF A DEVELOPMENTAL READING PROGRAM (5 ARTICLES), (2) INITIATING A HIGH SCHOOL READING PROGRAM (7 ARTICLES), (3) THE ORGANIZATION OF A READING PROGRAM (7 ARTICLES), (4) THE READING CURRICULUM (7 ARTICLES), (5) PROCEDURES AND TECHNIQUES (7 ARTICLES), (6) CORRECTIVE AND REMEDIAL ASPECTS (11 ARTICLES), AND (7) A SELECTED BIBLIOGRAPHY OF SUPPLEMENTARY ARTICLES (14 CITATIONS). THE MAJOR EMPHASIS IS ON THE DEVELOPMENTAL ASPECT OF THE SECONDARY READING PROGRAM, WITH ATTENTION TO THE TEACHING OF

STUDY SKILLS AND READING IN CONTENT AREAS. THIS VOLUME IS AVAILABLE FROM THE INTERNATIONAL READING ASSOCIATION, SIX TYRE AVENUE, NEWARK, DELAWARE 19711. THE PRICE IS $3.00 FOR MEMBERS AND $3.50 FOR NONMEMBERS. (BS)

ED 020 868 RE 001 347

SHELDON, WILLIAM D.

READING INSTRUCTION IN THE 1970'S FOR MEGALOPOLIS OR CENTER CITY.

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$0.56 12P.

DESCRIPTORS— *EDUCATIONAL NEEDS, *EDUCATIONAL PROBLEMS, *READING INSTRUCTION, *SUBURBAN SCHOOLS, *TRANSIENT CHILDREN, DROPOUT RATE, ENVIRONMENTAL INFLUENCES, READING ACHIEVEMENT, SOCIOECONOMIC STATUS, STUDENT TEACHER RATIO, SUBURBAN PROBLEMS,

THE EDUCATIONAL PROBLEMS IN THE MOBILE SUBURBS (THE MEGALOPOLIS) ARE AS SERIOUS IN MAGNITUDE AND TOTAL EFFECT AS THOSE OF THE MUCH PUBLICIZED CENTER CITY. BECAUSE OF THE MOBILITY AND THE HETEROGENIETY OF THESE AREAS, MANY STUDENTS RECEIVE INADEQUATE EDUCATION AND ENTER SOCIETY AS SEMILITERATES. AN ANALYSIS OF CENTERVILLE, A TYPICAL MAGALOPOLITAN SCHOOL DISTRICT, REVEALED THAT CHILDREN LACKING IN BASIC SKILLS OFTEN ENTERED NEW SCHOOLS. THE SUCCESS OF REMEDIAL WORK VARIED WIDELY, AND, FREQUENTLY, SOCIAL, BEHAVIORAL, AND ACADEMIC PROBLEMS RESULTED. MARKED BY TRANSIENCY, INADEQUATE READING, EMOTIONAL PROBLEMS, AND SOCIOECONOMIC STATUS, MANY STUDENTS BECAME DROPOUTS. THE MEGALOPOLITAN DROPOUT RATE OFTEN EQUALED THAT OF CENTER CITIES. A SOLUTION TO THE PROBLEM EMPHASIZES A JUNIOR HIGH PROGRAM TO DEVELOP LITERACY AND PROPOSES MAJOR EXPENDITURES AT THE PRIMARY LEVEL TO ACHIEVE A TEACHER-PUPIL RATIO CONDUCIVE TO INDIVIDUAL STUDENT ACHIEVEMENT. THIS PAPER WAS PRESENTED AT THE INTERNATIONAL READING ASSOCIATION CONFERENCE (BOSTON, APRIL 24-27, 1968). (BS)

ED 020 869 RE 001 363

MANNING, JOHN C.

ECLECTIC READING INSTRUCTION FOR PRIMARY GRADE SUCCESS.

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$0.44 9P.

DESCRIPTORS— *BASIC READING, *PRIMARY GRADES, *READING INSTRUCTION, *TEACHING METHODS, AUDITORY PERCEPTION, READING DIAGNOSIS, READING MATERIALS, READING READINESS, TACTUAL PERCEPTION, TEACHING TECHNIQUES, VISUAL PERCEPTION,

ANY ECLECTIC READING PROGRAM MUST BE BASED ON (1) AN UNDERSTANDING OF HOW THE TACTILE, AUDITORY, AND VISUAL SYSTEMS DEVELOP IN EACH CHILD, (2) A KNOWLEDGE OF THE AVAILABLE AND USABLE READING APPROACHES, AND (3) AN ASSESSMENT OF THE COMPONENTS OF EFFECTIVE INSTRUCTIONAL TECHNIQUES. INDIVIDUAL DIAGNOSIS AND TRAINING IS MANDATORY. A VISUAL DISCRIMINATION PROGRAM OF DIFFERENTIATING AMONG LETTER FORMS AND AN AUDITORY DISCRIMINATION PROGRAM STRESSING LETTER NAMES AND SOUNDS CONSTITUTE THE MOST EFFICIENT READING READINESS PROGRAM. A TACTILE LEARNING SYSTEM REFINES AUDITORY DISCRIMINATION SKILLS. THE EFFECTIVE READING TEACHER IS ONE WHO USES DIAGNOSTIC EVIDENCE AS A DEVELOPMENTAL METHOD, INDIVIDUALIZING THE USE OF MATERIALS TO IMPROVE SPECIFIC READING SKILL AREAS. SEVEN MAJOR APPROACHES TO THE TEACHING OF READING ARE LISTED--DEVELOPMENTAL, PHONIC, LINGUISTIC, LANGUAGE EXPERIENCE, ORTHOGRAPHIC STRESS, INDIVIDUALIZED-LIBRARY, AND SPECIAL. THEIR TEACHING SYSTEMS OR PHILOSOPHIES ARE DESCRIBED. THIS PAPER WAS PRESENTED AT THE INTERNATIONAL READING ASSOCIATION CONFERENCE (BOSTON, APRIL 24-27, 1968). (BS)

ED 020 870 RE 001 366

MCCRACKEN, ROBERT A.

AN OBSERVATION ABOUT HAWTHORNE EFFECT IN AN EXPERIMENT IN THE TEACHING OF READING IN FIRST GRADE--A HYPOTHESIS.

PUB DATE 26 APR 68

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *GRADE 1, *READING INSTRUCTION, *RESEARCH PROBLEMS, *STUDENT MOTIVATION, *TEACHER MOTIVATION, ENVIRONMENTAL INFLUENCES, READING ACHIEVEMENT, RESEARCH DESIGN,

THE PURPOSE OF THIS STUDY WAS TO DETERMINE IF A HAWTHORNE EFFECT WERE PRESENT IN A 3-YEAR LONGITUDINAL STUDY WHICH COMPARED TWO METHODS OF TEACHING READING IN FIRST GRADE. THE INITIAL SUBJECTS WERE TWO TEACHERS AND FIVE FIRST-GRADE CLASSES OF RANDOMLY ASSIGNED STUDENTS WHO COMPOSED ONE EXPERIMENTAL, ONE CONTROL, AND THREE SUBCONTROL GROUPS. BEGINNING STUDENTS WERE TESTED AT THE END OF EACH OF THE 3 YEARS, AND AN ANALYSIS OF VARIANCE AND T-TEST WERE USED TO COMPARE PERFORMANCES. RESULTS INDICATED THAT AT THE END OF THE FIRST YEAR, BOTH THE EXPERIMENTAL AND CONTROL CLASSES WERE SIGNIFICANTLY BETTER THAN THE SUBCONTROL GROUPS. THE THIRD YEAR EXPERIMENTAL GROUP WAS SIGNIFICANTLY POORER THAN THE FIRST YEAR EXPERIMENTAL GROUP, BUT WAS SIGNIFICANTLY BETTER THAN THE FIRST-YEAR SUBCONTROL GROUP. THE SECOND- AND THIRD-YEAR CONTROL GROUPS WERE SIGNIFICANTLY BETTER THAN THE FIRST-YEAR CONTROL AND SUBCONTROL GROUPS. IT WAS CONCLUDED THAT TWO TYPES OF HAWTHORNE EFFECTS--A NEGATIVE AND A POSITIVE--MAY HAVE BEEN OPERATING. THE EXPERIMENTAL TEACHER'S PERFORMANCE WAS POSSIBLY HEIGHTENED BY THE NEW METHOD AND ACCOMPANYING ACCOLADES. THE CONTROL TEACHER'S PERFORMANCE WAS DEPRESSED BY THE APPEARANCE OF SUCCESS IN THE EXPERIMENTAL CLASS. PERHAPS A HAWTHORNE EFFECT DID NOT OPERATE FOR HER UNTIL THE SECOND AND THIRD YEARS. REFERENCES ARE INCLUDED. THIS PAPER WAS PRESENTED AT THE INTERNATIONAL READING ASSOCIATION CONFERENCE (BOSTON, APRIL 24-27, 1968). (BS)

ED 020 871 RE 001 377

SHANE, HAROLD G. *MULRY, JUNE GRANT*

IMPROVING LANGUAGE ARTS INSTRUCTION THROUGH RESEARCH.

ASSOCIATION FOR SUPERVISION AND CURRICULUM DEV.

PUB DATE 63

EDRS PRICE MF-$0.75 HC NOT AVAILABLE FROM EDRS. 160P.

DESCRIPTORS— *LANGUAGE ARTS, *RESEARCH, LANGUAGES, LISTENING, LITERATURE, MASS MEDIA, ORAL LANGUAGE, READING, RESEARCH DESIGN, SPEAKING, SPELLING, WRITING,

A GENERAL VIEW OF LANGUAGE ARTS RESEARCH AS IT RELATES TO THE SCHOOL IS PRESENTED. THE BOOK IS DIVIDED INTO 11 CHAPTERS, EACH OF WHICH SURVEYS A SPECIFIC AREA OF THE LANGUAGE ARTS PROGRAM. READING IS TREATED UNDER SUCH TOPIC HEADINGS AS GENERAL TRENDS, PARENTAL OPINION, READINESS, VOCABULARY STUDIES, AND PHONICS. HANDWRITING, COMPOSITION, SPELLING, AND GRAMMAR ARE DEALT WITH IN SEPARATE CHAPTERS. THE TOPICS COVERED RANGE FROM MANUSCRIPT AND CURSIVE WRITING TO "CAN CREATIVE WRITING BE TAUGHT" AND PHONICS AND WORD RECOGNITION. THE SEVENTH CHAPTER DISCUSSES RESEARCH IN CHILDREN'S LITERATURE. ONE SECTION DEALS WITH THE POSITION OF LISTENING IN THE LANGUAGE ARTS PROGRAM. DISCUSSIONS OF THE RELATIONSHIP OF LANGUAGE ARTS TO OTHER CULTURES AND FOREIGN LANGUAGES, MASS MEDIA, AND THE IMPROVEMENT OF ORAL LANGUAGE COMPLETE THE STUDY. AN EXTENDED BIBLIOGRAPHY IS INCLUDED AT THE END OF TEACH CHAPTER. THIS VOLUME IS ALSO AVAILABLE FOR $2.75 FROM THE ASSOCIATION FOR SUPERVISION AND CURRICULUM DEVELOPMENT, NATIONAL EDUCATION ASSOCIATION, 1201 SIXTEENTH ST., N. W., WASHINGTON, D.C. 20036. (WL)

ED 020 872 RE 001 378

JENKINSON, MARION D.

RESEARCH PERTINENT TO THE TRAINING OF READING TEACHERS.

EDRS PRICE MF-$0.25 HC-$0.96 22P.

DESCRIPTORS— *EDUCATIONAL INNOVATION, *INTERACTION PROCESS ANALYSIS, *STUDENT TEACHER RELATIONSHIP, *STUDENT TEACHING, *TEACHER EDUCATION, INSTRUCTIONAL INNOVATION, INTERACTION, INTERACTION ANALYSIS SCALE, MICROTEACHING, ONTARIO INSTITUTE FOR STUDIES IN EDUCATION, SELF EVALUATION, STUDENT BEHAVIOR, TEACHER BEHAVIOR, UNIVERSITY OF TORONTO,

THE IMPLICATIONS FOR TRAINING READING TEACHERS OF CURRENT DEVELOPMENTS IN TEACHER EDUCATION RELEVANT TO READING INSTRUCTION, THE CURRENT STATE OF KNOWLEDGE ABOUT THE TEACHING-LEARNING PROCESS, AND EVOLVING IDEAS ABOUT READING INSTRUCTION ARE EXAMINED. BRIEFLY DESCRIBED ARE MICRO TEACHING, VIDEO-TAPING, TIME-LAPSE PHOTOGRAPHY, CLINICAL TEACHING EXPERIENCES, AND USE OF CLINICAL PROFESSORS AND VIGNETTES OF TEACHING. ATTEMPTS TO RECORD AND CLASSIFY CLASSROOM BEHAVIOR, THE LANGUAGE USED IN THE CLASSROOM, AND THE FORM AND SEQUENCE OF LESSONS ARE CITED. THE TEACHING OF THE COMPLEXITIES OF READING, THE USE OF LEARNING MEDIA OTHER THAN READING AND LANGUAGE ARTS, AND THE CONTRIBUTION OF LINGUISTICS AND THE PSYCHOLOGY OF COGNITION TO READING INSTRUCTION ARE ALSO DISCUSSED. IT IS IMPLIED THAT THE SCOPE OF EDUCATION COURSES SHOULD BE EXAMINED TO INSURE THAT PROSPECTIVE TEACHERS ARE AWARE OF CURRENT DEVELOPMENTS, THAT THEY ARE EQUIPPED TO EVALUATE INNOVATIONS OBJECTIVELY, THAT THEY CAN TRANSLATE THEORIES INTO EFFECTIVE PRACTICE, AND THAT THEY LEARN TO TEACH DIAGNOSTICALLY AND TO DIAGNOSE THEIR OWN TEACHING BEHAVIOR. (NS)

ED 020 873 24 RE 001 380

BAKER, EVA L. *AND OTHERS*

EXPERIMENTS IN KINDERGARTEN READING.

SOUTHWEST REGIONAL EDUC. LAB., INGLEWOOD, CALIF.

REPORT NUMBER BR-6-2865

PUB DATE 24 APR 68

CONTRACT OEC-4-7-062865-3073

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *BEGINNING READING, *BILINGUAL STUDENTS, *KINDERGARTEN CHILDREN, *READING INSTRUCTION, *READING PROGRAMS, PHONICS, READING COMPREHENSION, READING MATERIALS, READING TESTS, WORD RECOGNITION,

FOUR PAPERS GIVEN AT THE READING SYMPOSIUM OF THE 1968 AMERICAN EDUCATIONAL RESEARCH ASSOCIATION PRESENT DISCUSSIONS OF THE SOUTHWEST REGIONAL LABORATORY (SWRL) READING PROGRAM. THE FIRST PAPER DESCRIBES OBJECTIVES, CLASSROOM MATERIALS, AND PROCEDURES. OBJECTIVES FOR SIGHT-RECOGNITION, WORD-ATTACK SKILLS, AND COMPREHENSION SKILLS ARE EXPRESSED IN EXPECTED STUDENT BEHAVIORS. THE MATERIALS CONSIST OF 150 LESSONS FOR A 30-WEEK KINDERGARTEN INSTRUCTIONAL PERIOD OF 20-MINUTES DAILY, ACCOMPANIED BY PHONICS WORKBOOKS, COMPREHENSION BOOKLETS, PRACTICE EXERCISES, AND 60 READING PAPERBACKS. THE TEACHERS FOL-

LOW THE LESSONS 4 DAYS A WEEK AND HAVE FREE CHOICE OF INSTRUCTION 1 DAY A WEEK. FACTORS AFFECTING THE SUCCESS OF THE PROGRAM SUCH AS PUBLIC APPROVAL AND PUPIL PERFORMANCE ARE DISCUSSED IN A SECOND PAPER. THE MATERIALS AND PROCEDURES USED, THE PROGRAM'S RATIONALE, THE AMOUNT OF INSTRUCTION AND PRACTICE, AND THE TYPE OF PRACTICE USED ARE CONSIDERED. A THIRD PAPER PRESENTS A BEGINNING READING PROGRAM FOR SPANISH- SPEKAING CHILDREN WHICH CONTAINS 21 10-MINUTE TAPE-RECORDED AND PROGRAMED LESSONS FOR TEACHING THE OBJECTIVES OF THE FIRST 7 WEEKS OF THE SWRL READING PROGRAM. THE FOURTH PAPER DESCRIBES USE OF THE THREE-FORM CRITERION-REFERENCED INDIVIDUAL TEST DEVELOPED TO EVALUATE PUPIL PERFORMANCE AS A CRITERION OF THE SWRL READING PROGRAM'S EFFECTIVENESS. THIS DOCUMENT IS AVAILABLE FROM SWRL, 11300 LA CIENEGA BOULEVARD, INGLEWOOD, CALIFORNIA 90304. (NS)

ED 020 874 RE 001 384

RIGGS, CORINNE W.

BIBLIOTHERAPY--AN ANNOTATED BIBLIOGRAPHY.

INTERNATIONAL READING ASSN., NEWARK, DEL.

REPORT NUMBER IRA-AB-16

PUB DATE 68

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *BIBLIOTHERAPY, *SCHOOL PERSONNEL, *TEACHERS, READING MATERIALS, READING RESEARCH, STUDENT ATTITUDES, STUDENT BEHAVIOR, TEACHING TECHNIQUES,

THIS ANNOTATED BIBLIOGRAPHY ON BIBLIOTHERAPY IS COMPOSED OF 138 CITATIONS RANGING IN DATE FROM 1936 TO 1967. IT IS DESIGNED TO AID TEACHERS AND LIBRARIANS IN MODIFYING THE ATTITUDES AND BEHAVIOR OF BOYS AND GIRLS. ITS LISTINGS ARE ARRANGED ALPHABETICALLY ACCORDING TO AUTHOR UNDER THE GENERAL DIVISIONS OF BOOKS, PERIODICALS, AND UNPUBLISHED MATERIALS. ENTRIES PERTAINING TO THE READER, THE READING MATERIAL, AND THE RESPONSE OF THE READER ARE INCLUDED. RESEARCH REPORTS ARE EMPHASIZED, AND ITEMS RELATING TO SPECIFIC BOOKS AND TECHNIQUES FOR USE IN BIBLIOTHERAPY ARE PROVIDED. THIS DOCUMENT IS AVAILABLE FROM THE INTERNATIONAL READING ASSOCIATION, SIX TYRE AVENUE, NEWARK, DELWARE 19711. THE PRICE IS 50 CENTS FOR MEMBERS, 75 CENTS FOR NONMEMBERS. (BS)

ED 020 875 RE 001 386

DALE, EDGAR SEELS, BARBARA

READABILITY AND READING--AN ANNOTATED BIBLIOGRAPHY.

INTERNATIONAL READING ASSN., NEWARK, DEL.

REPORT NUMBER IRA-AB-10

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *BIBLIOGRAPHIES, *READABILITY, *READING, LANGUAGE, LANGUAGE STYLES, LITERATURE, MASS COMMUNICATIONS, SENTENCES, VOCABULARY,

THIS ANNOTATED BIBLIOGRAPHY COVERS THE FIELD OF READABILITY AND READING. THE SELECTED WORKS ARE ORGANIZED INTO NINE SECTIONS--(1) GENERAL REFERENCES ON READABILITY, (2) MEASURING OF READABILITY, (3) READABILITY AND SENTENCE STRUCTURE, (4) READABILITY AND VOCABULARY, (5) READABILITY AND LITERARY STYLE, (6) READABILITY IN SUBJECT AREA MATERIALS, (7) READABILITY IN MASS COMMUNICATION, (8) READABILITY AND LITERARY MATERIALS, AND (9) READABILITY AND LANGUAGES. THE EMPHASIS IS ON PUBLICATIONS FROM THE 1962 TO 1965 PERIOD, ALTHOUGH BIBLIOGRAPHIES OF EARLIER RESEARCH ARE INCLUDED. REFERENCES ON THE TYPOGRAPHY OF READABILITY ARE NOT PROVIDED. THIS BIBLIOGRAPHY IS AVAILABLE FOR 50 CENTS FOR MEMBERS OR 75 CENTS FOR NONMEMBERS FROM THE INTERNATIONAL READING ASSOCIATION, SIX TYRE AVENUE, NEWARK, DELAWARE 19711. (WL)

ED 020 876 RE 001 387

SARTAIN, HARRY

INDIVIDUALIZED READING--AN ANNOTATED BIBLIOGRAPHY.

INTERNATIONAL READING ASSN., NEWARK, DEL.

REPORT NUMBER IRA-AB-1

PUB DATE 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *INDIVIDUALIZED READING, *PROFESSIONAL PERSONNEL, BOOKLISTS, CLASSROOM LIBRARIES, INDIVIDUALIZED PROGRAMS, LEARNING ACTIVITIES, READING RESEARCH, SCHOOL LIBRARIES,

THIS ANNOTATED BIBLIOGRAPHY ON INDIVIDUALIZED READING IS COMPOSED OF 62 CITATIONS RANGING IN DATE FROM 1952 TO 1964. MAJOR EMPHASIS IS PLACED ON RECENT BOOKS AND WIDELY CIRCULATED PERIODICALS WHICH ARE EASILY ACCESSIBLE. LISTINGS REPRESENT VARIED PRACTICES AND POINTS OF VIEW. THEY INCLUDE ARGUMENTS FOR AND AGAINST INDIVIDUALIZED READING, DESCRIPTIONS OF WIDELY DIVERGENT PROGRAMS, BOOK LISTS, HELPFUL ACTIVITIES, RESEARCH SUMMARIES, AND EXPERIMENTAL STUDIES. ENTRIES INCLUDE BOOKS, JOURNAL ARTICLES, CONFERENCE PROCEEDINGS, AND MONOGRAPHS AND ARE ARRANGED ALPHABETICALLY ACCORDING TO AUTHOR. THIS DOCUMENT IS AVAILABLE FOR 50 CENTS TO MEMBERS, 75 CENTS TO NONMEMBERS FROM THE INTERNATIONAL READING ASSOCIATION, SIX TYRE AVENUE, NEWARK, DELAWARE 19711. (BS)

ED 020 877 RE 001 388

KRESS, ROY A. JOHNSON, MARJORIE S.

PROVIDING CLINICAL SERVICES IN READING--AN ANNOTATED BIBLIOGRAPHY.

INTERNATIONAL READING ASSN., NEWARK, DEL.

REPORT NUMBER IRA-AB-5

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *READING CLINICS, *SCHOOL PERSONNEL, CLINICAL DIAGNOSIS, READING DIFFICULTY, READING PROGRAMS, REMEDIAL READING,

THIS ANNOTATED BIBLIOGRAPHY IS COMPOSED OF 55 CITATIONS RANGING IN DATE FROM 1932 TO 1965. IT IS DESIGNED TO AID THOSE INTERESTED IN SETTING UP A READING CLINIC AND IS DIVIDED INTO TWO SECTIONS--THE ANNOTATED REVIEWS OF THE ARTICLES SELECTED AND A LIST OF PUBLICATIONS DEALING PRIMARILY WITH A CLINICAL APPROACH TO THE DIAGNOSIS AND TREATMENT OF READING PROBLEMS. ENTRIES INCLUDE JOURNAL ARTICLES, BOOKS, AND MONOGRAPHS AND ARE ARRANGED ALPHABETICALLY ACCORDING TO AUTHOR WITH THE TWO DIVISIONS. ARTICLES WHICH ARE REPORTS OF VARIED INSTRUCTIONAL APPROACHES, SPECIFIC CASE STUDIES, OR NONCLINICAL MATERIAL ARE NOT INCLUDED. THIS BIBLIOGRAPHY IS AVAILABLE FOR 50 CENTS TO MEMBERS, 75 CENTS TO NONMEMBERS FROM THE INTERNATIONAL READING ASSOCIATION, SIX TYRE AVENUE, NEWARK, DELWARE 19711. (BS)

ED 020 878 RE 001 389

SPACHE, GEORGE D.

CLASSROOM ORGANIZATION FOR READING INSTRUCTION--AN ANNOTATED BIBLIOGRAPHY.

INTERNATIONAL READING ASSN., NEWARK, DEL.

REPORT NUMBER IRA-AB-6

PUB DATE 65

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *CLASS ORGANIZATION, *ELEMENTARY GRADES, *READING INSTRUCTION, *SECONDARY GRADES, ABILITY GROUPING, EDUCATIONAL TELEVISION, GROUP DYNAMICS, INDIVIDUAL READING, LANGUAGE EXPERIENCE APPROACH, NONGRADED CLASSES, PROGRAMED INSTRUCTION, READING RESEARCH, SMALL GROUP INSTRUCTION, TEAM TEACHING,

THIS ANNOTATED BIBLIOGRAPHY ON CLASSROOM ORGANIZATION FOR READING INSTRUCTION IS COMPOSED OF 112 CITATIONS RANGING IN DATE FROM 1948 TO 1964. ITS DIVISIONS INCLUDE GENERAL SOURCES, GROUP DYNAMICS, HOMOGENEOUS VERSUS HETEROGENEOUS, CROSS-CLASS GROUPING, NONGRADED SCHOOLS AND THE UPGRADED PRIMARY, PROGRAMED INSTRUCTION, TEAM TEACHING AND EDUCATIONAL TELEVISION, PUPIL TEAMS, LANGUAGE EXPERIENCE APPROACH, INDIVIDUALIZED READING, DESCRIPTIVE STUDIES, AND COMPARATIVE STUDIES. LISTINGS INCLUDE JOURNAL ARTICLES, BOOKS, AND MONOGRAPHS AND ARE ARRANGED ALPHABETICALLY ACCORDING TO AUTHOR WITHIN EACH CATEGORY. SHORT INTRODUCTORY REMARKS BY THE COMPILER ARE INCLUDED BEFORE THE DIVISIONS. THIS DOCUMENT IS AVAILABLE FROM THE INTERNATIONAL READING ASSOCIATION, SIX TYRE AVENUE, NEWARK, DELAWARE 19711 FOR 50 CENTS FOR MEMBERS, 75 CENTS FOR NONMEMBERS. (BS)

ED 020 879 RE 001 392

BERGER, ALLEN

SPEED READING--AN ANNOTATED BIBLIOGRAPHY.

INTERNATIONAL READING ASSN., NEWARK, DEL.

REPORT NUMBER IRA-AB-14

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *BIBLIOGRAPHIES, *SPEED READING, INFORMATION PROCESSING, MEASUREMENT, MECHANICAL TEACHING AIDS, PERCEPTION, READING SKILLS, RETENTION, SEX DIFFERENCES,

APPROXIMATELY 125 REFERENCES TO SPEED READING APPEARING DURING THE PAST 40 YEARS ARE INCLUDED IN THIS ANNOTATED BIBLIOGRAPHY. THEY ARE GROUPED INTO THE CATEGORIES OF TACHISTOSCOPIC AND CONTROLLED PACING, PAPERBACK SCANNING, RETENTION OF GAINS, FLEXIBILITY, PERCEPTION, PROCESSING INFORMATION, SEX DIFFERENCES, AND MEASUREMENT. MORE THAN 35 JOURNALS AND OTHER PUBLICATIONS ARE REPRESENTED. COMMENTS CONCERNING CATEGORIES AND OTHER RELATED BIBLIOGRAPHIES ARE INCLUDED. THIS DOCUMENT MAY BE ORDERED FOR 50 CENTS FOR MEMBERS OR 75 CENTS FOR NONMEMBERS FROM THE INTERNATIONAL READING ASSOCIATION, SIX TYRE AVENUE, NEWARK, DELAWARE 19711. (BS)

ED 020 880 RE 001 395

WHIPPLE, GERTRUDE

UPGRADING ELEMENTARY READING PROGRAMS.

INTERNATIONAL READING ASSN., NEWARK, DEL.

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EDUCATIONAL METHODS, *INSTRUCTIONAL MATERIALS, *PROGRAM IMPROVEMENT, *READING INSTRUCTION, COORDINATION, FACILITY IMPROVEMENT, HARVARD REPORT ON READING IN ELEMENTARY SCHOOLS, INDIVIDUALIZED READING, INTERDISCIPLINARY APPROACH, WORD RECOGNITION,

TO IMPROVE READING INSTRUCTION IN MANY SCHOLS, THE AMOUNT, QUALITY, AND VARIETY OF READING MATERIALS AND OTHER AIDS TO LEARNING MUST BE INCREASED. IT IS IMPERATIVE THAT STUDENTS HAVE ACCESS TO WELL EQUIPPED LIBRARIES. "THE HAR-

VARD REPORT ON READING IN THE ELEMENTARY SCHOOLS" OFFERS EXCELLENT GUIDANCE FOR THE IMPROVEMENT OF READING INSTRUCTION AND RECOMMENDS THAT NO ONE METHOD OF INSTRUCTION BE FOLLOWED. THE REPORT EMPHASIZES THE IMPORTANCE OF WORD RECOGNITION AND THE NECESSITY OF UNDERSTANDING THE WHOLE MEANING OF PASSAGES AND SUGGESTS A SEQUENTIAL APPROACH TO READING INSTRUCTION WHICH INCLUDES FLEXIBLE GROUPING. THE INDIVIDUALIZED READING APPROACH IS CONSIDERED AN EXCELLENT SUPPLEMENT TO THE PROGRAM. COORDINATION OF READING WITH OTHER MEANS OF LEARNING AND THE DEVELOPMENT OF CRITICAL READING SKILLS IN ALL SUBJECT AREAS ARE RECOMMENDED. SIXTEEN REFERENCES ARE INCLUDED. THIS CITATION AWARD ADDRESS WAS PRESENTED TO THE 1966 INTERNATIONAL READING ASSOCIATION CONFERENCE IN DALLAS AND IS AVAILABLE FROM IRA, BOX 695, NEWARK, DELWARE 19711. (WL)

ED 020 881 RE 001 396

GOODMAN, YETTA M. GOODMAN, KENNETH S.

LINGUISTICS AND THE TEACHING OF READING--AN ANNOTATED BIBLIOGRAPHY.

INTERNATIONAL READING ASSN., NEWARK, DEL.

REPORT NUMBER IRA-AB-12

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *LINGUISTICS, *READING INSTRUCTION, *READING PROCESSES, COMREHENSION, DIALECTS, INTONATION, PHONEMICS, PSYCHOLINGUISTICS, SEMANTICS, STRUCTURAL GRAMMAR, SYNTAX, WORD RECOGNITION,

ONE OF THE INTERNATIONAL READING ASSOCIATION'S ANNOTATED BIBLIOGRAPHY SERIES IS CONCERNED WITH THE APPLICATION OF LINGUISTICS TO READING INSTRUCTION AND WAS PREPARED TO SERVE A WIDE RANGE OF USERS. IT CONTAINS ABOUT 100 CITATIONS OF BOOKS, RESEARCH REPORTS, DOCTORAL DISSERTATIONS, AND ARTICLES FROM PERIODICALS, YEARBOOKS, AND CONFERENCE PROCEDINGS. THESE ARE GROUPED UNDER THE FOLLOWING AREAS OF CURRENT INTEREST--(1) LINGUISTICS AND LANGUAGE STUDY, (2) READING COMPREHENSION, SEMANTICS, AND MEANING, (3) CURRICULUM, (4) DIALECTS AND RELATED PROBLEMS, (5) GENERAL APPLICATION OF LINGUISTICS TO READING, (6) INTONATION, (7) MATERIALS WITH LINGUISTICS LABELS, (8) THE NATURE OF READING, (9) PSYCHOLINGUISTICS, (10) PHONEME-GRAPHEME CORRESPONDENCE, (11) SYNTAX AND GRAMMAR, (12) THE READING TEACHER AND LINGUISTICS, AND (13 WORD RECOGNITION. THIS BIBLIOGRAPHY MAY BE ORDERED FOR 50 CENTS FOR MEMBERS, 75 CENTS FOR NONMEMBERS FROM THE INTERNATIONAL READING ASSOCIATION, SIX TYRE AVENUE, NEWARK, DELAWARE 19711. (NS)

ED 020 882 SE 004 020

BEHRINGER, MARJORIE PERRIN

THE DEVELOPMENT OF DIFFERENTIATED CURRICULA FOR ABILITY GROUPED BIOLOGY CLASSES, INCLUDING TEACHER TRAINING AND PROGRAM EVALUATION.

TEXAS UNIV., AUSTIN

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ABILITY GROUPING, *BIOLOGY, *CURRICULUM DEVELOPMENT, *SECONDARY SCHOOL SCIENCE, ACADEMIC ACHIEVEMENT, BIOLOGICAL SCIENCES CURRICULUM STUDY, COOPERATIVE COLLEGE-SCHOOL PROGRAM, DOCTORAL THESES, EVALUATION, INSERVICE TEACHER EDUCATION, INSTRUCTION, NATIONAL SCIENCE FOUNDATION, PROCESSES OF SCIENCE TEST, PROGRAM EVALUATION, SAN ANTONIO, TEXAS,

THIS STUDY INVOLVED (1) THE MODIFICATION OF BIOLOGY CURRICULA FOR USE BY 35 TEACHERS AND 4,264 STUDENTS IN THE SAN ANTONIO HIGH SCHOOLS, (2) THE ORGANIZATION OF A SEMIMONTHLY INSERVICE TEACHER TRAINING PROGRAM, AND (3) A STATISTICAL EVALUATION OF THE PROGRAM BASED ON DATA COLLECTED FROM A SAMPLE GROUP OF NINE TEACHERS AND 579 STUDENTS. BIOLOGY STUDENTS WERE GROUPED INTO THREE ABILITY LEVELS, WITH THE AVERAGE GROUP USING THE UNMODIFIED BIOLOGICAL SCIENCES CURRICULUM STUDY (BSCS) YELLOW VERSION AND THE SLOW LEARNER GROUP AND THE ACCELERATED GROUP USING MODIFIED CURRICULA. THE EXPERIMENTAL DESIGN PROVIDED FOR SOME CLASSES IN EACH OF THE LOW AND HIGH ABILITY GROUPS TO BE TAUGHT THE UNMODIFIED MATERIAL. DATA INDICATED (1) GAINS IN LEARNING WERE SIGNIFICANT AT THE .01 LEVEL FOR ALL GROUPS, (2) GAINS IN LEARNING FOR GROUPS USING UNMODIFIED MATERIALS WERE SIGNIFICANTLY GREATER FOR THE AVERAGE STUDENTS THAN FOR EITHER SLOW LEARNER OR ACCELERATED GROUPS, INDICATING THAT MODIFICATIONS WERE DESIRABLE FOR SLOW LEARNERS AND ACCELERATED STUDENTS, (3) DIFFERENCES IN BIOLOGY ACHIEVEMENT BETWEEN GROUPS USING THE UNMODIFIED CURRICULUM AND GROUPS USING MODIFIED CURRICULA WERE NOT SIGNIFICANT, (4) SIGNIFICANT DIFFERENCES WERE FOUND IN TEACHER-CLASS INTERACTION AMONG CLASSES WITHIN EACH OF THE GROUPS, AND (5) NO SIGNIFICANT DIFFERENCES WERE FOUND IN TEACHER-CLASS INTERACTION BETWEEN PAIRED EXPERIMENTAL AND CONTROL GROUPS. THIS DOCUMENT IS AVAILABLE AS ORDER NUMBER 67-3249 FOR $3.00 ON MICROFILM, $8.60 XEROGRAPHY, FROM UNIVERSITY MICROFILMS, 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48103. (DS)

ED 020 883 SE 004 127

DAY, MYRTLE V.

A TEACHER'S HANDBOOK OF RESOURCES FOR THE TEACHING OF HEALTH K-6.

NEBRASKA STATE DEPT. OF EDUCATION, LINCOLN

PUB DATE 66

EDRS PRICE MF-$0.50 HC-$4.04 99P.

DESCRIPTORS— *ELEMENTARY SCHOOL SCIENCE, *HEALTH EDUCATION, *RESOURCE UNITS, *TEACHING GUIDES, FIRST AID, INTERMEDIATE GRADES, KINDERGARTEN, MENTAL HEALTH, NEBRASKA, RESOURCE MATERIALS, SAFETY, SCIENCE UNITS,

PROVIDED ARE 11 RESOURCE UNITS FOR USE IN HEALTH EDUCATION FOR GRADES K-6. PROVIDED FOR EACH UNIT ARE (1) AN OVERVIEW, (2) A LISTING OF MAJOR CONCEPTS, (3) SUGGESTED ACTIVITIES, (4) ITEMS FOR USE IN EVALUATION, (5) SOURCES OF MATERIALS, (6) TEACHER AND/OR STUDENT REFERENCES, AND (7) FILM LISTS. ALSO PROVIDED ARE (1) A PARTIAL LIST OF SOURCES FOR FILMS AND FILMSTRIPS, (2) ADDRESSES OF AGENCIES WHERE RESOURCE MATERIALS MAY BE OBTAINED, AND (4) A PARTIAL LIST OF PUBLISHERS. (DS)

ED 020 884 SE 004 435

SCIENCE EQUIPMENT IN THE ELEMENTARY SCHOOL.

COLORADO UNIV., BOULDER, ELEM.SCI. ADVISORY CENTER

PUB DATE MAR 67

CONTRACT OEC-6-10-169

EDRS PRICE MF-$0.25 HC-$1.68 40P.

DESCRIPTORS— *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL MATERIALS, *SCIENCE EQUIPMENT, *SCIENCE MATERIALS, *TEACHING GUIDES, PHYSICAL SCIENCES, SCIENCE ACTIVITIES,

PROCEDURES FOR IMPROVISING LABORATORY EQUIPMENT FOR AN ACTIVE ELEMENTARY SCIENCE PROGRAM AND SOME SUGGESTED APPLICATIONS ARE PRESENTED. NEW COURSES OFTEN REQUIRE APPARATUS KITS AS WELL AS TEACHER'S GUIDES IN ORDER FOR THE PROGRAM TO BE CARRIED OUT AS DESIGNED. AS SCIENCE PROGRAMS EXPAND, MORE VERSATILITY, FLEXIBILITY, AND BROADER APPLICATION ARE REQUIRED. PREPARED KITS ARE INADEQUATE FOR GENERAL APPLICATIONS AND OFTEN REQUIRE MULTIPLES OF A CERTAIN PIECE OF EQUIPMENT. THOUGH A CENTRAL SET OF SCIENCE EQUIPMENT MAY BE PRACTICAL IN SOME CASES, IT IS SUGGESTED THAT EACH CLASSROOM HAVE ITS OWN STORE OF EQUIPMENT AVAILABLE AT THE MOMENT OF SUGGESTION OF SOME NEW AND EXCITING IDEAS. STUDENTS CAN OFTEN IMPROVISE WHEN COMPLETING AN ACTIVITY, THUS ADDING VALUE TO THE EXPERIENCE. MATERIALS FOUND USEFUL FOR A CLASSROOM ARE LISTED, BUT THE LIST SHOULD BE CONSIDERED ONLY A ROUGH GUIDE. COSTS ARE INDICATED FOR MANY ITEMS. PHOTOGRAPHS AND NARRATIVE SUPPLEMENT THE LIST AND SUGGEST INNOVATIVE APPLICATIONS. (DH)

ED 020 885 SE 004 502

FOLEY, JACK L.

SETS, SUB-SETS AND OPERATIONS.

PUB DATE NOV 67

EDRS PRICE MF-$0.25 HC-$1.56 37P.

DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SET THEORY, ESEA TITLE 3, LOW ABILITY STUDENTS, STUDENT ACTIVITIES,

THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE (1) RECOGNIZING SETS AND THEIR MEMBERS, (2) EQUIVALENT SETS AND EQUAL SETS, (3) FINITE AND INFINITE SETS, (4) OPERATIONS WITH SETS, (5) PICTURING SET RELATIONSHIPS, AND (6) SUBSETS AND THEIR COUNT. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 886 SE 004 503

FOLEY, JACK L.

PER CENT FRACTIONS.

PUB DATE NOV 67

EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ESEA TITLE 3, FRACTIONS, LOW ABILITY STUDENTS, STUDENT ACTIVITIES,

THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE (1) BASIC IDEAS ABOUT THE VALUE OF MONEY, (2) REVIEW OF FRACTIONS, (3) BUDGETS, (4) EQUIVALENT FRACTIONS WITH DENOMINATORS OF 100, AND (5) PER CENT. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 887 SE 004 506

FOLEY, JACK L.

MANEUVERS ON A GEO-BOARD.

PUB DATE NOV 67

EDRS PRICE MF-$0.25 HC-$1.00 23P.

DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ESEA TITLE 3, GEOMETRY, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, TRIGONOMETRY,

THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM

FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE ACTIVITIES ON (1) CONSTRUCTION OF SQUARES, RECTANGLES, TRIANGLES, AND PARALLELOGRAMS HAVING A GIVEN INDICATED AREA, (2) DISCOVERING RELATIONSHIPS BETWEEN PERIMETER, LENGTH, WIDTH, AND AREA OF GEOMETRICAL CONSTRUCTIONS, AND (3) CONSTRUCTING NETWORKS. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 888 SE 004 508
FOLEY, JACK L.
THE MATH GO-ROUND, A UNIT OF MATHASBORG.
PUB DATE NOV 67
EDRS PRICE MF-$0.25 HC-$1.24 29P.
DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, DIVISION, ESEA TITLE 3, GEOMETRY, LOW ABILITY STUDENTS, MULTIPLICATION, STUDENT ACTIVITIES,
THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE (1) NUMERALS AND GEOMETRICAL PATTERNS, (2) ACTIVITIES FOR DISCOVERING PATTERNS IN MULTIPLICATION AND DIVISION, (3) TESTS FOR DIVISIBILITY, AND (4) ACTIVITIES INVOLVING PRIME AND COMPOSITE NUMBERS. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 889 SE 004 509
FOLEY, JACK L.
VOLUME AND SURFACE AREA.
PUB DATE AUG 67
EDRS PRICE MF-$0.25 HC-$1.28 30P.
DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ESEA TITLE 3, GEOMETRY, LOW ABILITY STUDENTS, STUDENT ACTIVITIES,
THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE (1) MEASURING VOLUMES OF RECTANGULAR SOLIDS, RIGHT RECTANGULAR PYRAMIDS, CYLINDERS, CONES AND SPHERES, AND (2) FINDING THE SURFACE AREA OF ELEMENTARY GEOMETRICAL CONFIGURATIONS. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 890 SE 004 513
FOLEY, JACK L.
METRIC GEOMETRY LINEAR MEASURE.
PUB DATE AUG 67
EDRS PRICE MF-$0.25 HC-$2.04 49P.
DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ESEA TITLE 3, GEOMETRY, LOW ABILITY STUDENTS, MEASUREMENT STUDENT ACTIVITIES,
THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE (1) THE HISTORY AND MEANING OF LINEAR MEASURE, (2) FINDING THE APPROXIMATE PERIMETER OF CIRCLES, TRIANGLES, AND RECTANGLES, AND (3) USE OF THE MICROMETER FOR MEASURING LINEAR DISTANCES. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 891 SE 004 514
FOLEY, JACK L.
IDEAS FROM NUMBER THEORY.
PUB DATE AUG 67
EDRS PRICE MF-$0.25 HC-$1.88 45P.
DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, DIVISION, ESEA TITLE 3, LOW ABILITY STUDENTS, MULTIPLICATION, SET THEORY, STUDENT ACTIVITIES,
THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE ELEMENTARY IDEAS CONCERNING (1) WHOLE NUMBERS, (2) OPERATIONS WITH SETS, (3) DIVISORS AND MULTIPLES OF A NUMBER, AND (4) ACTIVITIES INVOLVING DIVISORS AND MULTIPLES. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 892 SE 004 515
FOLEY, JACK L.
METRIC GEOMETRY, CONCEPTS OF AREA MEASURE.
PUB DATE AUG 67
EDRS PRICE MF-$0.25 HC-$1.56 37P.
DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ESEA TITLE 3, GEOMETRY, LOW ABILITY STUDENTS, MEASUREMENT, STUDENT ACTIVITIES, TRIGONOMETRY,
THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE SUCH CONCEPTS AS (1) VARIOUS UNITS OF MEASURE, (2) FINDING AREAS OF ELEMENTARY CONFIGURATIONS--PARALLELOGRAMS, TRIANGLES, AND TRAPEZOIDS--BY DECOMPOSITION, (3) AREA FORMULAS, AND (4) APPLICATIONS OF THE APPROPRIATE AREA FORMULA TO CIRCLES. ACCOMPANYING THESE BOOKLETS WILL BE A "-TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 893 SE 004 516
FOLEY, JACK L.
DIVISIBILITY TESTS.
PUB DATE AUG 67
EDRS PRICE MF-$0.25 HC-$1.44 34P.
DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS, DIVISION, ESEA TITLE 3, INSTRUCTIONAL MATERIALS, LOW ABILITY STUDENTS, STUDENT ACTIVITIES,
THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE SUCH CONCEPTS AS (1) DIVISIBILITY TESTS, (2) CHECKING THE FUNDAMENTAL OPERATIONS BY CASTING OUT NINES AND ELEVENS, AND (3) APPLICATION OF DIVISIBILITY. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 894 SE 004 517
FOLEY, JACK L.
CURVES, VERTICES, KNOTS AND SUCH.
PUB DATE AUG 67
EDRS PRICE MF-$0.50 HC-$2.68 65P.
DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ESEA TITLE 3, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, TOPOLOGY,
THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE SUCH CONCEPTS AS (1) SIMPLE CLOSED CURVES, (2) NETWORKS, (3) MAP COLORING, (4) TOPOLOGICAL TRANSFORMATIONS, (5) THREE DIMENSIONAL TOPOLOGY, AND (6) KNOTS. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 895 SE 004 518
FOLEY, JACK L.
ANGLES, MEASURES.
PUB DATE AUG 67
EDRS PRICE MF-$0.25 HC-$1.48 35P.
DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ESEA TITLE 3, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, TRIGONOMETRY,
THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE (1) ANGLE MEASUREMENT, (2) ANGLES AND TRIANGLES, (3) KINDS OF ANGLES, (4) MEASURING THE INTERIOR AND EXTERIOR ANGLES OF POLYGONS, (5) INSCRIBED ANGLES, AND (6) LINES AND ANGLES. ACCOMPANYING THESE BOOKLETS WILL BE A "-TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 896 SE 004 519
FOLEY, JACK L.
ACTION WITH WHOLE NUMBERS.
PUB DATE AUG 67
EDRS PRICE MF-$0.50 HC-$2.44 59P.
DESCRIPTORS— *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ADDITION, ARITHMETIC, DIVISION, ESEA TITLE 3, LOW ABILITY STUDENTS, MULTIPLICATION, STUDENT ACTIVITIES, SUBTRACTION,

THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE (1) ADDITION AND SUBTRACTION WITH WHOLE NUMBERS, (2) PATTERNS AND PROCEDURES IN MULTIPLICATION, AND (3) DIVISION AS A PROCESS OF FINDING A MISSING FACTOR. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 897 SE 004 521

FOLEY, JACK L.

ACTION WITH FRACTIONS, ADDITION AND SUBTRACTION.

PUB DATE AUG 67

EDRS PRICE MF-$0.25 HC-$1.44 34P.

DESCRIPTORS— *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ADDITION, ESEA TITLE 3, FRACTIONS, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, SUBTRACTION,

THIS BOOKLET, ONE OF A SERIES, HAS BEEN DEVELOPED FOR THE PROJECT, A PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS. A PROJECT TEAM, INCLUDING INSERVICE TEACHERS, IS BEING USED TO WRITE AND DEVELOP THE MATERIALS FOR THIS PROGRAM. THE MATERIALS DEVELOPED IN THIS BOOKLET INCLUDE (1) NUMBER RELATIONSHIPS, (2) EQUIVALENT FRACTIONS, (3) ADDITION AND SUBTRACTION OF RATIONAL NUMBERS, (4) LEAST COMMON DENOMINATORS, AND (5) SUPPLEMENTARY ACTIVITIES WITH RATIONAL NUMBERS. ACCOMPANYING THESE BOOKLETS WILL BE A "TEACHING STRATEGY BOOKLET" WHICH WILL INCLUDE A DESCRIPTION OF TEACHER TECHNIQUES, METHODS, SUGGESTED SEQUENCES, ACADEMIC GAMES, AND SUGGESTED VISUAL MATERIALS. (RP)

ED 020 898 SE 004 586

COLE, RICHARD C.

SCIENCE INTERPRETIVE PROGRAM–SPERMACETI COVE INTERPRETIVE CENTER.

MIDDLETOWN TOWNSHIP BOARD OF EDUC., HIGHLANDS, N.J.

PUB DATE NOV 67

EDRS PRICE MF-$0.25 HC-$0.52 11P.

DESCRIPTORS— *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *OUTDOOR EDUCATION, *PROGRAM DESCRIPTIONS, BIOLOGY, CONSERVATION EDUCATION, ECOLOGY, EDUCATIONAL OBJECTIVES, ELEMENTARY AND SECONDARY EDUCATION ACT, GEOLOGY, GRADE 4, GRADE 5, GRADE 6, MIDDLETOWN, NEW JERSEY, OCEANOLOGY, SCIENCE ACTIVITIES,

DESCRIBED IS THE OUTDOOR EDUCATION PROGRAM FOR THE MIDDLETOWN, NEW JERSEY ELEMENTARY SCHOOLS AT THE SPERMACETI COVE INTERPRETIVE CENTER IN SANDY HOOK STATE PARK. THE PROGRAM IS FUNDED UNDER PL89-10 OF THE ELEMENTARY AND SECONDARY EDUCATION ACT (ESEA). PHASE 1 (MARCH, 1966-JUNE, 1966) INVOLVED THE SELECTION OF NINE PUBLIC AND THREE PAROCHIAL FOURTH GRADE CLASSES TO PARTICIPATE IN A GEOLOGY PROGRAM ENTITLED "A HANDFUL OF SAND." THE GOAL OF THE GEOLOGY PROGRAM IS TO TRACE BEACH SAND TO ITS ROCK ORIGIN, EXAMINE THE FORCES THAT RELEASE AND TRANSPLANT THIS MATERIAL, AND STUDY THE NEED FOR CONSERVATION IN SHORE AREAS. IN PHASE 2 (SEPTEMBER, 1966-JUNE, 1967) 40 FOURTH-GRADE CLASSES FROM MIDDLETOWN ELEMENTARY SCHOOLS ATTENDED THE GEOLOGY PROGRAM. FIFTEEN GRADE 5 CLASSES ATTENDED A PILOT BIOLOGY PROGRAM. THE BIOLOGY PROGRAM DEVELOPS CONCEPTS RELATED TO THE PRODUCER-CONSUMER-DECOMPOSER RELATIONSHIPS EXISTING IN THE ENVIRONMENT. PHASE 3 (SEPTEMBER, 1967-JUNE, 1968) INVOLVED ALL THE MIDDLETOWN AREA FOURTH AND FIFTH GRADES ATTENDING THEIR RESPECTIVE PROGRAMS AT THE CENTER. FIFTEEN GRADE 6 CLASSES ATTENDED A PILOT MARINE BIOLOGY PROGRAM. THE GRADE 6 PROGRAM DEVELOPS THE BROADER CONCEPTS OF THE VALUE, USE, AND CONSERVATION OF MARINE AND ESTUARINE AREAS. DESCRIPTIONS OF PROGRAM OBJECTIVES, THE GRADE 4, 5, AND 6 PROGRAM COURSES OF STUDY, AND PROJECTED PLANS ARE INCLUDED. (RS)

ED 020 899 SE 004 875

WEICHINGER, THEODORE JR.

THE DETERMINATION OF SUITABLE LABORATORY EXPERIENCES FOR A PHYSICAL SCIENCE COURSE FOR PROSPECTIVE ELEMENTARY SCHOOL TEACHERS.

COLORADO STATE COLLEGE, GREELEY

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ELEMENTARY SCHOOL SCIENCE, *PHYSICAL SCIENCES, *SCIENCE TEACHERS, *TEACHER EDUCATION, *UNDERGRADUATE STUDY, CHEMISTRY, COLORADO STATE COLLEGE, DOCTORAL THESES, LABORATORY EXPERIMENTS, LABORATORY PROCEDURES, SCIENCE COURSES,

A SEARCH OF RECENT SCIENCE EDUCATION LITERATURE WAS MADE TO DETERMINE TOPICS IN PHYSICS AND CHEMISTRY THAT WOULD BE TESTED FOR SUITABILITY WITH PROSPECTIVE ELEMENTARY SCHOOL TEACHERS. EIGHT CRITERIA WERE SELECTED AND USED TO GUIDE THE WRITING OF LABORATORY ACTIVITIES. SIXTY-NINE PROSPECTIVE ELEMENTARY SCHOOL TEACHERS USED THE EXPERIMENTAL MATERIALS. JUDGMENT AS TO SUITABILITY FOR USE WAS DETERMINED BY EVALUATION OF STUDENT PERFORMANCE. RESULTS INDICATED THAT ALL 29 EXPERIENCES HAD SOME DEGREE OF SUITABILITY WITH 22 BEING DISTINCTLY MORE SUITABLE THAN THE REMAINING SEVEN. CONCLUSIONS AND RECOMMENDATIONS ARE INCLUDED IN THE STUDY. THIS DOCUMENT IS AVAILABLE AS ORDER NUMBER 68-7162 FOR $3.00 ON MICROFILM, $12.40 XEROGRAPHY, FROM UNIVERSITY MICROFILMS, 300 NORTH ZEEB ROAD, ANN ARBOR, MICHIGAN 48103. (BC)

ED 020 900 SE 004 881

ILLUSTRATIVE LESSON MATERIALS. A SUPPLEMENT TO SCIENCE FRAMEWORK FOR CALIFORNIA PUBLIC SCHOOLS, PRELIMINARY.

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$3.28 80P.

DESCRIPTORS— *CURRICULUM GUIDES, *ELEMENTARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, *SECONDARY SCHOOL SCIENCE, BIOLOGY, CALIFORNIA STATE BOARD OF EDUCATION, ELEMENTARY AND SECONDARY EDUCATION ACT, HEALTH EDUCATION, PHYSICAL SCIENCES, RESOURCE MATERIALS, SCIENCE EDUCATION, SCIENTIFIC CONCEPTS, TITLE 5,

THE SAMPLE LESSONS IN THIS SECTION ARE MEANT TO ILLUSTRATE THE TYPE OF INSTRUCTION WHICH CAN RESULT WHEN THE GOALS, OBJECTIVES, STRATEGIES, AND TECHNIQUES DISCUSSED IN THE "SCIENCE FRAMEWORK" ARE IMPLEMENTED. THE INVESTIGATIONS HAVE BEEN USED SUCCESSFULLY IN CLASSROOMS BY THE TEACHERS WHO SUBMITTED THEM. THEY ARE CATEGORIZED ACCORDING TO THE EDUCATIONAL LEVELS OF (1) ELEMENTARY SCHOOL, (2) JUNIOR HIGH SCHOOL, AND (3) SECONDARY SCHOOL. THE UNIQUENESS OF EACH LESSON IS TYPICAL OF THE UNIQUE PERSONALITY OF EACH TEACHER AND STUDENT, AND REFLECTS THE UNIQUENESS OF EACH TEACHER-STUDENT RELATIONSHIP. INCLUDED FOR EACH LESSON ARE (1) STATEMENTS OF CONCEPTS SOUGHT, (2) MATERIALS LIST, AND (3) DISCUSSIONS OF INSTRUCTIONAL AND EVALUATIVE PROCEDURES. EXTENSIVE USE IS MADE OF TEACHER-PUPIL AND PUPIL-PUPIL DIALOGUE IN PROVIDING PERSPECTIVE FOR THE LESSON. THE "SCIENCE FRAMEWORK FOR CALIFORNIA PUBLIC SCHOOLS" IS AVAILABLE UNDER SEPARATE COVER. (DS)

ED 020 901 SE 004 883

INDUSTRIAL RADIOGRAPHY INSTRUCTOR'S GUIDE.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

REPORT NUMBER OE-84034

ATOMIC ENERGY COMMISSION, OAK RIDGE, TENN.

PUB DATE MAR 68

EDRS PRICE MF-$0.50 HC-NOT AVAILABLE FROM EDRS. 62P.

DESCRIPTORS— *INSTRUCTIONAL MATERIALS, *NUCLEAR PHYSICS, *TEACHING GUIDES, ADULT EDUCATION, CHEMISTRY, EDUCATIONAL PROGRAMS, LABORATORY MANUALS, PHYSICS, TECHNOLOGY, UNITED STATES ATOMIC ENERGY COMMISSION, UNITED STATES OFFICE OF EDUCATION, VOCATIONAL EDUCATION,

THIS LABORATORY GUIDE WAS DEVELOPED FOR AN 80-HOUR COURSE IN INDUSTRIAL RADIOGRAPHY FOR HIGH SCHOOL GRADUATES TRAINING TO BECOME BEGINNING RADIOGRAPHERS. IT IS USED IN CONJUNCTION WITH TWO OTHER VOLUMES–(1) INDUSTRIAL RADIOGRAPHY INSTRUCTOR'S GUIDE, AND (2) INUDSTRIAL RADIOGRAPHY MANUAL. THE PROGRAM WAS DEVELOPED BY A COMMITTEE OF REPRESENTATIVES FROM INDUSTRY, FROM THE U. S. OFFICE OF EDUCATION, AND THE ATOMIC ENERGY COMMISSION. THE EFFORT AROSE OUT OF A CONCERN FOR (1) REDUCING OVEREXPOSURE HAZARDS TO RADIOGRAPHERS, AND (2) INCREASING THE AVAILABILITY OF MANPOWER IN THIS FIELD. THE BOOK IS DIVIDED INTO TWO PARTS–(1) STUDENT GUIDE, CONSISTING OF QUESTIONS AND EXERCISES BASED ON THE RADIOGRAPHY MANUAL, AND (2) LABORATORY EXERCISES, CONSISTING OF 15 EXPERIMENTS, A LABORATORY TEST, A SOURCE UTILIZATION RECORD, AND A TRAINING PROGRAM SCHEDULE. THE LABORATORY EXERCISES INCLUDE (1) INVERSE SQUARE LAW, (2) SOURCE CALIBRATION, (3) METER CALIBRATION, (4) RADIATION ABSORPTION, (5) RADIATION SCATTERING, (6) X-RAY MACHINE EMISSION RATE, (7) DARK ROOM PROCEDURES, (8) GAMMA RAY EXPOSURE CALCULATIONS, (9) X-RAY EXPOSURE CALCULATIONS, (10) EFFECT OF GRAININESS, (11) WELDED PIPE RADIOGRAPHY, (12) PANORAMIC EXPOSURES, (13) HIGH CONTRAST SUBJECTS, AND (14) LEAK TESTING SEALED SOURCES. (DH)

ED 020 902 SE 004 884

INDUSTRIAL RADIOGRAPHY STUDENT GUIDE AND LABORATORY EXERCISES.

REPORT NUMBER OE-84035

ATOMIC ENERGY COMMISSION, OAK RIDGE, TENN.

PUB DATE 68

EDRS PRICE MF-$0.50 HC-NOT AVAILABLE FROM EDRS. 70P.

DESCRIPTORS— *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS, *NUCLEAR PHYSICS, *TEACHING GUIDES, ADULT EDUCATION, CHEMISTRY, EDUCATIONAL PROGRAMS, PHYSICS, RADIOSOTOPES, SCIENCE ACTIVITIES, TECHNOLOGY, UNITED STATES ATOMIC ENERGY COMMISSION, UNITED STATES OFFICE OF EDUCATION, VOCATIONAL EDUCATION,

THIS INSTRUCTOR'S GUIDE TO AN 80-HOUR COURSE IN INDUSTRIAL RADIOGRAPHY IS COORDINATED WITH LESSONS IN THE STUDENT GUIDE AND LABORATORY EXERCISES AND IS BASED ON MATERIAL IN THE COURSE MANUAL, INDUSTRIAL RADIOGRAPHY. THE COURSE IS INTENDED TO TRAIN HIGH SCHOOL GRADUATES AS BEGINNING RADIOGRAPHERS WHO ARE EXPECTED TO BE ABLE TO EXTEND THEIR KNOWLEDGE THROUGH FIELD EXPERIENCES AND CONTINUED STUDY. DEVELOPMENT OF THESE MATERIALS AROSE

FROM THE U. S. ATOMIC ENERGY COMMISSION'S CONCERN FOR (1) REDUCING OVEREXPOSURE HAZARDS TO RADIOGRAPHERS, AND (2) INCREASING AVAILABLE MANPOWER IN THIS FIELD. CONTENT AND FORMAT FOR THE MATERIALS WERE PLANNED JOINTLY BY A COMMITTEE OF REPRESENTATIVES FROM INDUSTRY, FROM THE U. S. ATOMIC ENERGY COMMISSION, AND THE U. S. OFFICE OF EDUCATION. THERE ARE THIRTEEN LESSON PLANS WHICH FOLLOW THE ORGANIZATION–(1) TIME REQUIREMENTS, (2) OBJECTIVES, (3) TEACHING AIDS, (4) REFERENCES, AND (5) LESSON INTRODUCTION AND OUTLINE. THE LESSONS INCLUDE (1) STRUCTURE OF MATTER AND NATURE OF RADIATION, (2) NUCLEAR REACTIONS AND RADIOISOTOPES, (3) RADIATION EXPOSURE, (4) RADIATION ATTENUATION, (5) RADIATION ABSORPTION, (6) DETECTION AND MEASUREMENT, (7) PHYSIOLOGICAL EFFECTS OF RADIATION, (8) INTRODUCTION TO RADIOGRAPHY, (9) ELEMENTS OF RADIOGRAPHY, (10) RADIOGRAPHIC FILM, (11) RADIOGRAPHIC TECHNIQUES, (12) RADIOGRAPH INTERPRETATION, AND (13) GOVERNMENT REGULATIONS AND LICENSING. AN APPENDIX INCLUDES A SUGGESTED PATTERN FOR EXAMINATIONS. (DH)

ED 020 903 SE 004 896

LERNER, RITA G.

DEVELOPMENT OF MULTI-COORDINATE VOCABULARY, PLASMA PHYSICS.

AMERICAN INST. OF PHYSICS, NEW YORK, N.Y.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.60 13P.

DESCRIPTORS— *COLLEGE SCIENCE, *INFORMATION RETRIEVAL, *INFORMATION SCIENCE, *PHYSICS, *THESAURI, AMERICAN INSTITUTE OF PHYSICS, GRADUATE STUDY, NATIONAL SCIENCE FOUNDATION, SCIENTIFIC RESEARCH, VOCABULARY,

DESCRIBED IS THE DEVELOPMENT OF A THESAURUS FOR THE FIELD OF PLASMA PHYSICS, SIMILAR TO THE ONE PREVIOUSLY DEVELOPED FOR CHEMICAL PHYSICS, FOR USE WITH COMPUTER-ORIENTED RETRIEVAL SYSTEMS. AN EXPERT IN THE FIELD OF PLASMA PHYSICS SELECTED TERMS IMPORTANT TO THE INFORMATION USER FROM THE PLASMA LITERATURE. THE HIERARCHY OF CLASSIFICATION UTILIZES FOUR MAIN CATEGORIES–(1) PROPERTIES, (2) PHENOMENA, (3) OBJECTS, AND (4) METHODS. THE OBJECTS AND METHODS CATEGORIES ARE HIERARCHICALLY ARRANGED. THE OBJECTS CATEGORY INCLUDES (1) PLASMAS AND MODELS OF PLASMAS, (2) ASTROPHYSICAL AND GEOPHYSICAL OBJECTS, (3) THERMONUCLEAR CONTAINMENT SCHEMES, AND (4) OTHER TECHNICAL APPLICATIONS AND EXPERIMENTAL DEVICES. THE METHODS CATEGORY HAS FIVE SUBDIVISIONS–(1) THEORETICAL–EQUATIONS, (2) THEORETICAL–SPECIAL SOLUTION TECHNIQUES, (3) EXPERIMENTAL–MEASUREMENTS, (4) EXPERIMENTAL–TECHNIQUES, AND (5) EXPERIMENTAL–DEVICES. THE VOCABULARY WAS SUBMITTED TO MEMBERS OF THE DIVISION OF PLASMA PHYSICS OF THE AMERICAN PHYSICAL SOCIETY FOR DISCUSSION, SUGGESTIONS, AND REVISIONS. THE VOCABULARY IS GIVEN IN APPENDIX A OF THE REPORT AND IS APPLIED TO EXAMPLES OF INDEXED JOURNAL ARTICLES IN APPENDIX B. (DH)

ED 020 904 SE 004 901

LERNER, RITA G.

DEVELOPMENT OF A MULTI-COORDINATE VOCABULARY, CHEMICAL PHYSICS.

AMERICAN INST. OF PHYSICS, NEW YORK, N.Y.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$1.04 24P.

DESCRIPTORS— *CHEMISTRY, *COLLEGE SCIENCE, *INFORMATION RETRIEVAL, *INFORMATION SCIENCE, *THESAURI, AMERICAN INSTITUTE OF PHYSICS, GRADUATE STUDY, NATIONAL SCIENCE FOUNDATION, PHYSICS, SCIENTIFIC RESEARCH, VOCABULARY,

THIS PAPER DESCRIBES A METHOD (SCHEME) FOR THE DEVELOPMENT OF A VOCABULARY IN THE FIELD OF CHEMICAL PHYSICS FROM PRIMARY JOURNAL ARTICLES. ALL TERMS APPEARING IN A RECENT JOURNAL (VOL. 39, JOURNAL OF CHEMICAL PHYSICS) JUDGED TO BE IMPORTANT WERE DIVIDED INTO THREE CATEGORIES–(1) PROPERTIES, PROCESSES, PHENOMENA, (2) OBJECTS, INCLUDING SYSTEMS AND MATERIALS, AND (3) METHODS, INCLUDING DEVICES. IN ADDITION TO THESE THREE CLASSIFICATIONS, TERMS SPECIFYING SPECIAL CONDITIONS WERE ALSO USED SUCH AS MASS, ENERGY, AND TEMPERATURE. BY THE THREE MAJOR CLASSIFICATIONS AND APPROPRIATE ADDITIONAL TERMS DESCRIBING CONDITIONS, A MULTI-COORDINATED INDEX IS ESTABLISHED. THE THESAURUS WAS REVIEWED BY SPECIALISTS WHO GAVE SUGGESTIONS FOR REVISIONS AND ADDITIONS. ADDITIONAL TERMS WERE ADDED IN THE PROCESS OF USING THE THESAURUS IN EXPERIMENTAL RETRIEVAL. THE COMPLETE VOCABULARY IS INCLUDED IN THE PAPER. METHODS USED TO DEVELOP THIS THESAURUS WERE ALSO USED TO DEVELOP THESAURI FOR THE FIELDS OF PLASMA PHYSICS AND LASERS AND MASERS. THE PAPERS WHICH WERE INDEXED ACCORDING TO THIS SYSTEM FORM THE DATA BASE FOR A NUMBER OF EXPERIMENTS CURRENTLY BEING CONDUCTED ON RETRIEVAL MECHANISMS. (DH)

ED 020 905 SE 004 902

INDEX OF SELECTED OUTDOOR RECREATION LITERATURE.

DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C.
PUB DATE AUG 67
EDRS PRICE MF-$0.75 HC NOT AVAILABLE FROM EDRS. 156P.

DESCRIPTORS— *BIBLIOGRAPHIES, *INDEXES (LOCATERS), *NATURAL RESOURCES, *OUTDOOR EDUCATION, ADULT EDUCATION, ANNOTATED BIBLIOGRAPHIES, BIOLOGICAL SCIENCES, BUREAU OF OUTDOOR RECREATION, CAMPING, COLLEGE SCIENCE, CONSERVATION EDUCATION, DEPARTMENT OF THE INTERIOR, ECOLOGY, ELEMENTARY SCHOOL SCIENCE, FEDERAL LEGISLATION, PERIODICALS, PHOTOGRAPHY, RECREATION, RESOURCE MATERIALS, SECONDARY SCHOOL SCIENCE,

INDEXED ARE 991 PERIODICALS, REPORTS, BOOKS, AND OTHER PUBLICATIONS CONTAINING INFORMATION PERTINENT TO OUTDOOR RECREATION WHICH WERE RECEIVED BY THE DEPARTMENT OF THE INTERIOR LIBRARY DURING 1966. THIS SHOULD NOT BE MISTAKEN FOR A COMPREHENSIVE BIBLIOGRAPHY OF OUTDOOR RECREATION LITERATURE BECAUSE NOT ALL PUBLICATIONS RECEIVED BY THE DEPARTMENT OF THE INTERIOR LIBRARY HAVE BEEN EXAMINED FOR CONTENT RELATIVE TO OUTDOOR RECREATION. THE FOUR CATEGORIES USED IN CLASSIFYING DOCUMENTS ARE (1) OUTDOOR RECREATION RESOURCES, (2) ADMINISTRATION OF RESOURCES AND PROGRAMS, (3) RECREATION USERS, DEMAND AND VALUES, AND (4) RESEARCH. INFORMATION FOR EACH PUBLICATION INCLUDES A BIBLIOGRAPHIC CITATION AND A BRIEF ABSTRACT. THE MATERIAL IS INDEXED IN THREE FORMS. A SUBJECT INDEX IDENTIFIES CITATIONS BY THE USE OF NEARLY 1,000 KEY WORDS OR DESCRIPTORS RELATED TO OUTDOOR EDUCATION. A NAME INDEX DESIGNATES CITATIONS BY AUTHOR, EDITOR, INDIVIDUALS AND ASSOCIATIONS DISCUSSED IN THE ARTICLE, OR OTHER PROPER NAMES EXCEPT GEOGRAPHIC LOCATIONS. A GEOGRAPHIC INDEX IDENTIFIES CITATIONS BY COUNTRIES, GEOGRAPHIC REGION, STATES, COUNTIES, CITIES, AND RIVERS, AS WELL AS BY PROPER NAMES OF UNITS ADMINISTERED BY FEDERAL AND STATE AGENCIES WHICH APPEAR IN THE DOCUMENT. APPENDICES INCLUDE (1) LISTINGS OF THE PERIODICALS SCANNED IN DEVELOPING THE INDEX, AND (2) A LISTING OF SERIAL PUBLICATIONS. THIS DOCUMENT IS ALSO AVAILABLE FOR $0.75 FROM SUPERINTENDENT OF DOCUMENTS, GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402. (DS)

ED 020 906 SE 004 903

TRIEZENBERG, HENRY J.

TESTING FOR CONCEPTS OF ECOLOGICAL SYSTEMS.

WISCONSIN UNIV., MADISON
REPORT NUMBER BR-5-0216
PUB DATE JAN 68
CONTRACT OEC-5-10-154
EDRS PRICE MF-$0.25 HC-$1.12 26P.

DESCRIPTORS— *COGNITIVE TESTS, *ECOLOGY, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, *TESTS, BIOLOGICAL SCIENCES, EVALUATION, MULTIPLE CHOICE TESTS, SCIENCE CONCEPT LEARNING PROJECT, SCIENCE TESTS,

PROVIDED FROM THE SCIENCE CONCEPT LEARNING PROJECT ARE (1) A PRETEST ON EQUILIBRIUM, AND (2) A POST-TEST OF KNOWLEDGE, COMPREHENSION, AND APPLICATION OF CONCEPTS OF ECOLOGICAL SYSTEMS. THE PRETEST (54 ITEMS) AND POST-TEST (60 ITEMS) ARE COMPOSED OF OBJECTIVE MULTIPLE-CHOICE ITEMS PREPARED FOR USE WITH JUNIOR HIGH SCHOOL STUDENTS. TEST AND ITEM STATISTICS ARE PROVIDED. THE TESTS WERE PREPARED FOR USE WITH A STUDY WHICH DETERMINED THE EFFECTIVENESS OF ADVANCED ORGANIZERS IN TEACHING SELECTED CONCEPTS OF ECOLOGICAL SYSTEMS AT THE JUNIOR HIGH SCHOOL LEVEL. THIS STUDY IS REPORTED IN TECHNICAL PAPER NO. 42 OF THE CENTER. (DS)

ED 020 907 SE 004 904

HELGESON, STANLEY L.

LESSONS PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6.

WISCONSIN UNIV., MADISON
REPORT NUMBER BR-5-0216
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$1.88 45P.

DESCRIPTORS— *ELEMENTARY SCHOOL SCIENCE, *FORCE, *INSTRUCTION, *PHYSICS, *TEACHING GUIDES, ACADEMIC ACHIEVEMENT, COGNITIVE PROCESSES, CONCEPT FORMATION, EVALUATION, LEARNING, PHYSICAL SCIENCES, SCIENCE CONCEPT LEARNING PROJECT, TESTS,

THESE LESSON PLANS WERE DEVELOPED, ALONG WITH OTHER MATERIALS SUCH AS (1) DEMONSTRATIONS, (2) FILMS, (3) FILM CLIPS, (4) KEY QUESTIONS, AND (5) POSTERS, FOR USE IN A STUDY TO DETERMINE THE RELATIVE LEVELS OF UNDERSTANDING OF CERTAIN CONCEPTS OF FORCES ACHIEVED BY PUPILS IN GRADES 2-6. EVALUATION WAS MADE BY MEANS OF PAPER-AND-PENCIL MULTIPLE-RESPONSE TYPE TESTS. EIGHT FORCE CONCEPTS WERE CHOSEN. TABULATED BY GRADE LEVEL ARE THE PARTICULAR CONCEPTS JUDGED AS HAVING MET THE ACHIEVEMENT CRITERIA AT EACH OF THE THREE LEVELS OF UNDERSTANDING–(1) KNOWLEDGE, (2) COMPREHENSION, AND (3) APPLICATION. THERE IS A LESSON PLAN FOR EACH OF THE EIGHT CONCEPTS ORGANIZED ACCORDING TO (1) CONCEPT STATEMENT, (2) EQUIPMENT REQUIREMENTS, AND (3) MAJOR IDEAS PAIRED WITH DEMONSTRATION ACTIVITIES AND KEY QUESTIONS. TEST INSTRUMENTS DEVELOPED FOR THE PROJECT ARE INCLUDED. (DH)

ED 020 908 SE 004 906

VOELKER, ALAN M.

THE RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION IN TEACHING THE CLASSIFICATIONAL CONCEPTS OF PHYSICAL AND CHEMICAL CHANGE TO ELEMENTARY SCHOOL CHILDREN.

WISCONSIN UNIV., MADISON
REPORT NUMBER BR-5-0216
PUB DATE FEB 68
CONTRACT OEC-5-10-154
EDRS PRICE MF-$0.25 HC-$1.88 45P.

DESCRIPTORS— *CHEMISTRY, *CONCEPT FORMATION, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTION, *LEARNING, CHEMISTRY, COGNITIVE DEVELOPMENT, CONCEPT TEACHING,

SCIENCE CONCEPT LEARNING PROJECT, TEACHING TECHNIQUES,

REPORTED IS THE DETERMINATION OF THE RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION IN TEACHING CLASSIFICATIONAL CONCEPTS OF PHYSICAL AND CHEMICAL CHANGE TO ELEMENTARY SCHOOL CHILDREN. THROUGH TEACHER-DIRECTED DEMONSTRATION-DISCUSSION, STUDENTS IN GRADES 2-6 WERE INSTRUCTED IN THE CONCEPTS OF PHYSICAL AND CHEMICAL CHANGE WITH THE RESPONSIBILITY FOR FORMULATING AND STATING THE GENERALIZATION FOR PROPER CLASSIFICATION OF PHENOMENA RESTING WITH THE LEARNER IN ONE TREATMENT AND WITH THE TEACHER IN THE OTHER. CONCLUDED WERE THAT (1) THERE IS NO EFFECT DUE TO TREATMENT, (2) WHEN THE STUDENT'S LEVEL OF UNDERSTANDING OF THE CONCEPTS IS ASSESSED IN TERMS OF HIS ABILITY TO VERBALIZE, MATURATION AS REPRESENTED BY GRADE LEVEL IS A FACTOR, (3) THESE CONCEPTS CAN BE SUCCESSFULLY TAUGHT IN GRADE 6 WHEN THE INSTRUCTIONAL SEQUENCE IS EITHER OF THOSE UTILIZED IN THIS STUDY, (4) I.Q. AND PAST ACHIEVEMENT IN SCIENCE AND MATHEMATICS ARE NOT SIGNIFICANTLY RELATED TO THE ABILITY OF CHILDREN IN GRADES 2-6 TO FORMULATE THE CONCEPTS, AND (5) CHILDREN IN GRADES 2-6 DO NOT UTILIZE THE OPPORTUNITY TO ASK QUESTIONS TO CONFIRM THEIR CONCLUSIONS. (DS)

ED 020 909 **SE 004 907**

TRIEZENBERG, HENRY J.

THE USE OF AN ADVANCE ORGANIZER IN TEACHING SELECTED CONCEPTS OF ECOLOGICAL SYSTEMS.

WISCONSIN UNIV., MADISON
REPORT NUMBER BR-5-0216
PUB DATE FEB 68
CONTRACT OEC-5-10-154
EDRS PRICE MF-$0.25 HC-$2.12 51P.

DESCRIPTORS— *CONCEPT FORMATION, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTION, *SECONDARY SCHOOL SCIENCE, ACADEMIC ACHIEVEMENT, BIOLOGICAL SCIENCES, COGNITIVE DEVELOPMENT, COMPARATIVE ANALYSIS, ECOLOGY, GRADE 7, GRADE 9, RETENTION, SCIENCE CONCEPT LEARNING PROJECT, TEACHING TECHNIQUES, TELEVISED INSTRUCTION,

REPORTED IS THE DETERMINATION OF THE RELATIVE EFFECTIVENESS OF THREE LEVELS OF ABSTRACTION (VERBAL, SKETCH, MECHANICAL MODEL) IN THE USE OF THE CONCEPTUAL SCHEME OF EQUILIBRIUM AS AN ADVANCED ORGANIZER APPLIED TO INSTRUCTION WITH REFERENCE TO ECOLOGICAL SYSTEMS. LESSONS WERE TELEVISED TO CONTROL THE INSTRUCTION OF PUPILS IN GRADES 7 AND 9. THE DESIGN INCLUDED A PRETEST, THE TEACHING OF NINE LESSONS, AND A POST-TEST AT THE COGNITIVE LEVELS OF (1) KNOWLEDGE, (2) COMPREHENSION, AND (3) APPLICATION. THE POST-TEST WAS GIVEN TWICE--FIRST, TO DETERMINE CONCEPT ATTAINMENT IMMEDIATELY FOLLOWING INSTRUCTION AND SECOND, TO DETERMINE CONCEPT RETENTION SIX WEEKS LATER. INDICATED WERE THAT (1) AT THE COMPREHENSION LEVEL THE USE OF MECHANICAL MODELS AS THE REFERENCE TO THE ORGANIZER WAS SIGNIFICANTLY SUPERIOR TO VERBAL REFERENCE OR THE USE OF SKETCHES, (2) SIGNIFICANTLY HIGHER MEAN TEST SCORES WERE EARNED IN GRADE 9 THAN IN GRADE 7, AND (3) A SIGNIFICANT DECREASE IN MEAN SCORES EARNED BY PUPILS IN GRADE 9 OCCURRED AT THE KNOWLEDGE LEVEL BETWEEN THE TIME OF THE FIRST POST-TEST AND THE SECOND (RETENTION) POST-TEST--A SMALL BUT STILL SIGNIFICANT DECREASE OCCURRED IN BOTH GRADES AT THE COMPREHENSION LEVEL--AND NO SIGNIFICANT DECREASE OCCURRED AT THE APPLICATION LEVEL. THE EVALUATION INSTRUMENT IS AVAILABLE IN PRACTICAL PAPER NO. 3 OF THE CENTER. (DS)

ED 020 910 **SE 004 908**

HELGESON, STANLEY L.

THE RELATIONSHIPS BETWEEN CONCEPTS OF FORCE ATTAINED AND MATURITY AS INDICATED BY GRADE LEVELS.

WISCONSIN UNIV., MADISON
REPORT NUMBER BR-5-0216
PUB DATE MAR 68
CONTRACT OEC 5-10-154
EDRS PRICE MF-$0.25 HC-$2.28 55P.

DESCRIPTORS— *CONCEPT FORMATION, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTION, *LEARNING, *PHYSICAL SCIENCES, ACADEMIC ACHIEVEMENT, COGNITIVE PROCESSES, FORCE, PHYSICS, SCIENCE CONCEPT LEARNING PROJECT, SCIENTIFIC CONCEPTS,

REPORTED IS A STUDY CONDUCTED TO DETERMINE THE RELATIVE LEVELS OF UNDERSTANDING OF CERTAIN FORCE CONCEPTS ACHIEVED BY PUPILS IN GRADES 2-6. EVALUATIONS WERE MADE BY MEANS OF PENCIL-AND-PAPER MULTIPLE-CHOICE TYPE TESTS, ONE FOR EACH LEVEL OF UNDERSTANDING--(1) KNOWLEDGE, (2) COMPREHENSION, AND (3) APPLICATION. SUB-PROBLEMS OF THE STUDY WERE (1) TO DETERMINE IF THERE WERE SIGNIFICANT DIFFERENCES IN LEVELS OF ACHIEVEMENT OF PUPILS IN GRADES 2-6, AND (2) TO DETERMINE IF THERE WERE SIGNIFICANT CORRELATIONS BETWEEN I.Q. AND TEST SCORES. UNIFORM INSTRUCTION WAS ACHIEVED AMONG CLASSES BY UTILIZATION OF INSTRUCTIONAL UNITS WHICH WERE DESIGNED FOR THE STUDY. THE REPORT IS DIVIDED INTO FIVE PARTS--(1) THE PROBLEM, (2) REVIEW OF RELATED LITERATURE, (3) PROCEDURE, (4) RESULTS, AND (5) CONCLUSIONS AND IMPLICATIONS. THE CONCLUSION SECTION TABULATES AT WHICH LEVEL OF UNDERSTANDING AND AT WHICH GRADE LEVEL EACH CONCEPT WAS UNDERSTOOD. A BIBLIOGRAPHY IS INCLUDED. LESSON PLANS AND TESTS UTILIZED IN THE PROJECT ARE IN PRACTICAL PAPER NO. 4 OF THE CENTER FOR COGNITIVE LEARNING, "LESSON PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION." (DH)

ED 020 911 **SE 004 909**

QUILLING, MARY AND OTHERS

RESEARCH AND DEVELOPMENT ACTIVITIES IN R AND I UNITS OF TWO ELEMENTARY SCHOOLS OF MILWAUKEE, WISCONSIN, 1966-1967.

WISCONSIN UNIV., MADISON
REPORT NUMBER BR-5-0216
PUB DATE FEB 68
CONTRACT OEC-5-10-154
EDRS PRICE MF-$0.25 HC-$1.00 23P.

DESCRIPTORS— *CONCEPT FORMATION, *ELEMENTARY EDUCATION, *INSTRUCTION, *MATHEMATICS, *TEACHING METHODS, ARITHMETIC, CLOSED CIRCUIT TELEVISION, COGNITIVE DEVELOPMENT, COOPERATIVE PRIMARY TEST IN MATHEMATICS, EDUCATIONAL PROGRAMS, GRADE 1, GRADE 4, GRADE 5, GRADE 6, INDIVIDUAL INSTRUCTION, LEARNING, RESEARCH AND DEVELOPMENT CENTERS, SCIENTIFIC CONCEPTS, TEACHING PROCEDURES, WISCONSIN RESEARCH AND DEVELOPMENT CTR,

REVIEWED ARE (1) THE ACTIVITIES OF RESEARCH AND INSTRUCTION (R AND I) UNITS IN TWO MILWAUKEE SCHOOLS DURING THE 1966-67 SCHOOL YEAR, AND (2) THE RESULTS OF FIELD TESTING OF R AND I UNITS. PART 1 PROVIDES A DESCRIPTION OF THE ACTIVITIES OF THE PROGRAM. PARTS 2 AND 3 REPORT AND EVALUATE THE RESULTS OF TWO CONTROLLED EXPERIMENTS OF MOTIVATIONAL PROCEDURES AND INDIVIDUALIZATION OF INSTRUCTION CONDUCTED IN THE UNITS. IN ONE STUDY, ALTHOUGH NO SIGNIFICANT DIFFERENCE WAS FOUND BETWEEN TWO METHODS OF TEACHING FOURTH-GRADERS ARITHMETIC, BOTH GROUPS OF STUDENTS MADE PROGRESS AS GREAT AS OR GREATER THAN THEIR AVERAGE RATE OF PROGRESS SINCE ENTERING SCHOOL. IN THE OTHER STUDY, FIRST-GRADERS WHO HAD SIXTH-GRADE HELPERS (MODELS) IN ARITHMETIC PERFORMED SIGNIFICANTLY BETTER THAN PUPILS WHO DID NOT HAVE HELPERS. PART 4 REPORTS A SUMMARIZATION OF THE FIELD TESTING OF R AND I UNITS. CONCLUDED WAS THAT THE TOTAL RESULTS OF THE RESEARCH AND DEVELOPMENT ACTIVITIES OF THE UNITS CLEARLY INDICATE THAT THIS TYPE OF ORGANIZATION IN ITS FIRST YEAR PERFORMED ITS INSTRUCTIONAL, RESEARCH, AND DEVELOPMENT ACTIVITIES EXCEEDINGLY WELL. (DS)

ED 020 912 **SE 004 910**

STAUSS, NYLES G.

AN INVESTIGATION INTO THE RELATIONSHIP BETWEEN CONCEPT ATTAINMENT AND LEVEL OF MATURITY.

WISCONSIN UNIV., MADISON
REPORT NUMBER BR-5-0216
PUB DATE FEB 68
CONTRACT OEC-5-10-154
EDRS PRICE MF-$0.50 HC-$3.16 77P.

DESCRIPTORS— *CELL THEORY, *CONCEPT FORMATION, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTION, *LEARNING, ACADEMIC ACHIEVEMENT, BIOLOGICAL SCIENCES, COGNITIVE TESTS, CURRICULUM PLANNING, SCIENCE CONCEPT LEARNING PROJECT, SCIENTIFIC CONCEPTS,

REPORTED IS AN INVESTIGATION OF CONCEPTS INCLUDED WITHIN A CONCEPTUAL SCHEME--THE BIOLOGICAL CELL--WHICH ARE MOST APPROPRIATE FOR STUDY BY CHILDREN IN GRADES 2-6. SUB-PROBLEMS WERE (1) TO DETERMINE THE RELATIVE LEVELS OF UNDERSTANDING AS INDICATED BY OBJECTIVE TEST SCORES, (2) TO DETERMINE WHETHER SIGNIFICANT DIFFERENCES EXIST BETWEEN PUPILS AT DIFFERENT GRADE LEVELS IN TERMS OF THEIR LEVEL OF UNDERSTANDING OF EACH CONCEPT, AND (3) TO DETERMINE THE LEVEL OF UNDERSTANDING WITHIN GRADES OF EACH CONCEPT AS INDICATED BY THE RELATIONSHIP OF TEST SCORES TO I.Q. AND AGE. THE GRADES IN WHICH SATISFACTORY MASTERY OF 11 SPECIFIC CONCEPTS ARE ATTAINED AT THE THREE SPECIFIC LEVELS OF UNDERSTANDING (KNOWLEDGE, COMPREHENSION, AND APPLICATION) ARE OUTLINED. IT WAS DETERMINED THAT MANY OF THE CONCEPTS COULD BE TAUGHT SUCCESSFULLY IN THE LOWER ELEMENTARY GRADES. HOWEVER, IT IS INDICATED THAT THE SELECTION OF CONCEPTS TO BE INCLUDED IN THE CURRICULUM SHOULD BE BASED ON THE LEVEL OF MASTERY DESIRED--KNOWLEDGE, COMPREHENSION, OR APPLICATION. THE INSTRUCTIONAL PROGRAM UTILIZED IN THE STUDY IS AVAILABLE AS PRACTICAL PAPER NO. 2 OF THE CENTER. (DS)

ED 020 913 **SE 004 911**

HALL, THOMAS S.

SOURCE MATERIALS FOR GENERAL AND HUMAN BIOLOGY. FINAL REPORT.

WASHINGTON UNIV., ST. LOUIS, MO., DEPT. OF BIOLOGY
REPORT NUMBER BR-5-1189
PUB DATE 27 MAY 68
CONTRACT OEC-6-10-242
EDRS PRICE MF-$0.50 HC-$4.00 98P.

DESCRIPTORS— *BIOLOGICAL SCIENCES, *COLLEGE SCIENCE, *GENERAL EDUCATION, *INSTRUCTIONAL MATERIALS, CASE STUDIES (EDUCATION), CYTOLOGY, EVOLUTION, HEREDITY, INSTRUCTION, PHYSIOLOGY, TEACHING METHODS,

DEVELOPED AND SUBJECTIVELY EVALUATED ARE INSTRUCTIONAL MATERIALS FOR USE IN AN INTRODUCTORY COLLEGE LEVEL GENERAL EDUCATION BIOLOGY COURSE, WHICH EMPHASIZES THE DYNAMIC AND INVESTIGATIVE ASPECTS OF SCIENCE. THE MATERIALS, WHICH USE A CASE HISTORY APPROACH, WERE DEVELOPED BY EDITING EXCERPTS FROM CLASSICAL SCIENTIFIC PAPERS WITH ADEQUATE EDITORIAL ADDENDA TO SUPPLY BACKGROUND AND CONTINUITY. THE MATERIALS WERE USED IN THREE YEARS BY A TOTAL OF 300 SOPHOMORE STUDENTS AT-

TENDING WASHINGTON UNIVERSITY. THE COURSE PROCEDURE WAS FOR THE STUDENTS TO INDIVIDUALLY CRITIQUE THE MATERIAL AND TO DISCUSS EACH PAPER EXHAUSTIVELY IN GROUPS OF 15-20 STUDENTS WHILE ALSO PARTICIPATING IN "PROCESS-ORIENTED" LECTURES AND PROBLEM-BASED LABORATORIES. SUBJECTIVELY, BASED ON AN EXTENSIVE INDIVIDUAL CONVERSATION SURVEY, IT IS CONCLUDED THAT THE PAPERS TEND TO ENGAGE THE INTEREST AS WELL AS THE CRITICAL AND INTELLECTUAL FACULTIES OF STUDENTS. THE COMPLETE SET OF MATERIALS CONSISTING OF 12 PAPERS IS INCLUDED. (DS)

ED 020 914 **SE 004 912**

BRAINARD, ROBERT W.

SCIENCE POLICY BULLETIN NUMBER 5.

BATTELLE MEMORIAL INST., COLUMBUS, OHIO

PUB DATE JUN 68

EDRS PRICE MF-$0.25 HC-$2.00 48P.

DESCRIPTORS— *BIBLIOGRAPHIES, *RESEARCH, *SCIENCES, *TECHNOLOGY, ANNOTATED BIBLIOGRAPHIES, CONFERENCE REPORTS, ENGINEERING, FEDERAL AID, FEDERAL GOVERNMENT, FINANCIAL SUPPORT, FOREIGN COUNTRIES, HIGHER EDUCATION, INDUSTRY, SCIENTIFIC MANPOWER, SOCIAL SCIENCES, SOCIOECONOMIC INFLUENCES,

THE BULLETIN, PUBLISHED BIMONTHLY, REPORTS THE CURRENT LITERATURE IN THE AREA OF SCIENCE AND PUBLIC POLICY. THE COVERAGE ENCOMPASSES BOTH "POLICY FOR SCIENCE" AND "SCIENCE FOR POLICY" MATTERS. SCIENCE IS USED TO DENOTE ENGINEERING, TECHNOLOGY, AND SCIENCE. THE BULLETIN IS INTENDED FOR PERSONS ENGAGED IN STUDYING, FORMULATING, OR IMPLEMENTING PUBLIC POLICY RELATING TO SCIENCE AND ITS USE. ITS PURPOSE IS TO AID SUCH INDIVIDUALS BY ALERTING THEM TO NEW ADDITIONS TO THE SCIENCE POLICY LITERATURE. THE INFORMATION PRESENTED CONSISTS PRINCIPALLY OF A BIBLIOGRAPHIC, PARTIALLY ANNOTATED LISTING OF CURRENT PUBLICATIONS IN THE AREA. PUBLICATIONS OF A HIGHLY TECHNICAL AND NARROWLY SPECIALIZED NATURE ARE EXCLUDED. THE BIBLIOGRAPHIC INFORMATION IS PRESENTED UNDER A NUMBER OF TOPICAL CATEGORIES WHICH ARE (1) GENERAL, (2) SCIENCE, DOMESTIC PROBLEMS, AND NATIONAL GOALS, (3) NEEDS AND ALLOCATION OF RESOURCES FOR SCIENCE, (4) NATIONAL RESEARCH AND DEVELOPMENT PROGRAMS, (5) SCIENCE, EDUCATION, AND THE UNIVERSITY, (6) SCIENCE MANAGEMENT AND POLICY MAKING BODIES, (7) SCIENCE, FOREIGN AFFAIRS, AND NATIONAL DEFENSE, AND (8) SCIENCE POLICY IN FOREIGN COUNTRIES. EACH CITED PUBLICATION IS RECORDED UNDER A SINGLE CATEGORY. THE NUMBERING OF PUBLICATIONS UNDER EACH CATEGORY RUNS CONSECUTIVELY THROUGH ALL ISSUES OF THE BULLETIN, SO THAT A GIVEN NUMBER REFERS TO ONLY ONE CITATION. MAJOR MEETINGS AND OTHER EVENTS IN THE SUBJECT AREA ARE ALSO REPORTED. (DS)

ED 020 915 **SE 004 913**

MARQUARDT, D.N.

SELECTED PAPERS FROM REGIONAL CONFERENCES 1966-67.

ADVISORY COUNCIL ON COLL. CHEMISTRY

REPORT NUMBER AC3-PUB-NO-35

PUB DATE MAY 68

EDRS PRICE MF-$0.50 HC-$3.36 82P.

DESCRIPTORS— *CHEMISTRY, *COLLEGE SCIENCE, *COMMUNITY COLLEGES, *CURRICULUM DEVELOPMENT, *UNDERGRADUATE STUDY, ADVISORY COUNCIL ON COLLEGE CHEMISTRY, CONFERENCES, INSTRUCTION, LABORATORY SAFETY, ORGANIC CHEMISTRY, SCIENCE ACTIVITIES, TEACHING TECHNIQUES,

REPORTED ARE 15 SELECTED PAPERS ON VARIOUS TOPICS OF CURRENT INTEREST WHICH WERE PRESENTED AT THE VARIOUS REGIONAL CONFERENCES DURING 1966 AND 1967. THE VARIOUS CONFERENCES HAVE AS THEIR MAJOR CONCERNS (1) RECENT TRENDS IN GENERAL CHEMISTRY, (2) CHEMISTRY FOR GENERAL EDUCATION, (3) TEACHING UNDERGRADUATE ORGANIC LABORATORIES, (4) THE INTEGRATED LABORATORY, (5) THE GENERAL CHEMISTRY LABORATORY, (6) CONTEMPORARY DEVELOPMENT IN TEACHING GENERAL CHEMISTRY, AND (7) NEW APPROACHES TO LABORATORY INSTRUCTION. PAPERS ON THE FOLLOWING TOPICS ARE INCLUDED IN THIS PUBLICATION--(1) TEACHING CHEMICAL BONDING, (2) THE GENERAL CHEMISTRY COURSE, (3) INSTRUCTIONAL TECHNIQUES, (4) INTRODUCTORY LABORATORY, (5) CORE CURRICULUM LABORATORY PROGRAMS, (6) THE GENERAL CHEMISTRY LABORATORY, (7) THE INTEGRATED LABORATORY, (8) STRUCTURED CHEMICAL EXPERIENCES, (9) DEMONSTRATION EXPERIMENTS, (10) COMPUTER SIMULATION OF LABORATORY INSTRUCTION, (11) ANALYTICAL INTRODUCTION TO ORGANIC CHEMISTRY, (12) LABORATORY SAFETY, (13) TEACHING NON-SCIENCE MAJORS, AND (14) CHEMISTRY FOR TWO-YEAR COLLEGES. (DH)

ED 020 916 **SE 004 914**

SCIENCE EDUCATION INFORMATION ANALYSIS CENTER NEWSLETTER.

ERIC INFORM.ANAL.CEN.FOR SCI.EDUC., COLUMBUS, OHIO

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$0.68 15P.

DESCRIPTORS— *CONSERVATION EDUCATION, *DIRECTORIES, *ELEMENTARY SCHOOL SCIENCE, *OUTDOOR EDUCATION, *SECONDARY SCHOOL SCIENCE, ART, BIOLOGICAL SCIENCES, CURRICULUM DEVELOPMENT, EARTH SCIENCES, ECOLOGY, EDUCATIONAL PROGRAMS, HANDICAPPED STUDENTS, LANGUAGE ARTS, MATHEMATICS EDUCATION, MUSIC, NATURAL RESOURCES, NATURE CENTERS, NEWSLETTERS, OCEANOLOGY, PHYSICAL EDUCATION, PHYSICAL SCIENCES, PROGRAM DESCRIPTIONS, SCIENCE EDUCATION INFORMATION ANALYSIS CENTER, SOCIAL STUDIES,

THE PRINCIPAL FOCUS OF THIS NEWSLETTER IS PROVIDING A DIRECTORY OF OUTDOOR EDUCATION PROGRAMS IN THE UNITED STATES. THE INFORMATION IS DIRECTED AT SCHOOLS OR ORGANIZATIONS PLANNING TO DEVELOP SUCH PROGRAMS. THE ENTRIES ARE LISTED ALPHABETICALLY BY STATE. EACH ENTRY CONTAINS (1) THE NAME OF THE PERSON TO CONTACT FOR ADDITIONAL INFORMATION, (2) THE ADDRESS OF THE PROJECT, AND (3) A BRIEF DESCRIPTION OF EACH PROJECT. ALSO PROVIDED ARE INFORMATION ON (1) THE OFFICE OF EDUCATION PUBLICATION "RESEARCH IN EDUCATION" (RIE), AND (2) THE ERIC DOCUMENT REPRODUCTION SERVICE. THIS DOCUMENT IS ALSO AVAILABLE FROM THE ERIC INFORMATION ANALYSIS CENTER FOR SCIENCE EDUCATION, 1460 WEST LANE AVENUE, COLUMBUS, OHIO 43221. (DS)

ED 020 917 **SE 004 920**

FOWLER, JOHN M.

PRODUCTION AND USE OF SINGLE CONCEPT FILMS IN PHYSICS TEACHING.

PUB DATE SEP 67

EDRS PRICE MF-$0.50 HC-$4.72 116P.

DESCRIPTORS— *AUDIOVISUAL AIDS, *COLLEGE SCIENCE, *INSTRUCTIONAL FILMS, *INSTRUCTIONAL MATERIALS, *PHYSICS, BIBLIOGRAPHIES, COMMISSION ON COLLEGE PHYSICS, CONFERENCES, FILMS, PHOTOGRAPHY, PROJECTION EQUIPMENT, SCIENCE EQUIPMENT, SINGLE CONCEPT FILMS,

BASED UPON THE CONFERENCE ON SINGLE CONCEPT FILMS IN COLLEGE PHYSICS TEACHING HELD AT RENSSELAER POLYTECHNIC INSTITUTE IN DECEMBER OF 1966, THIS REPORT ATTEMPTS TO (1) PRESENT CURRENTLY AVAILABLE TECHNOLOGICAL INFORMATION ON THE PRODUCTION, DISTRIBUTION, AND DISPLAY OF SINGLE CONCEPT FILMS IN PHYSICS, (2) TO ENCOURAGE INCREASED AND BROADER USE OF THESE SHORT FILMS IN COLLEGE PHYSICS TEACHING, AND (3) TO STIMULATE THEIR PRODUCTION IN COLLEGE PHYSICS DEPARTMENTS. THE REPORT IS ESSENTIALLY AN EXPANSION OF THE RESULTS OF THE WORKING SESSIONS OF THE CONFERENCE, AND DEALS WITH (1) THE USE OF SINGLE CONCEPT FILMS IN PHYSICS INSTRUCTION, COVERING THE AREAS OF CLASSROOM USE, LABORATORY INSTRUCTION, AND SELF-INSTRUCTIONAL USE, (2) FILM MAKING TECHNIQUES, INCLUDING LOCAL PRODUCTION OF PHYSICS FILMS, FILMING IN A PROFESSIONAL STUDIO, AND COMPUTER-ANIMATED FILM MAKING, AND (3) CAMERAS AND ACCESSORIES FOR AMATEUR SCIENTIFIC FILM MAKERS, INCLUDING FILMS, PROJECTORS, AND UTILIZATION OF PROJECT MATERIALS. THE APPENDIXES INCLUDE SECTIONS ON (1) CONFERENCE AGENDA, (2) FILM ANIMATED BY COMPUTER, (3) PRODUCING A FILM, (4) EQUIPMENT, (5) AUDIOVISUAL INSTRUCTION AT PURDUE, (6) LIST OF CONFERENCE PARTICIPANTS, AND (7) A BIBLIOGRAPHY. (DH)

ED 020 918 **24** **SE 004 937**

GOLDBERG, STANLEY

THE EFFECTS OF NATIONAL SCIENTIFIC STYLE ON THE UNDERSTANDING OF SCIENTIFIC INNOVATION--SPECIAL RELATIVITY, A CASE HISTORY. FINAL REPORT.

ANTIOCH COLL., YELLOW SPRINGS, OHIO

REPORT NUMBER BR-5-8280

PUB DATE 19 JUN 68

GRANT OEG-4-10-222

EDRS PRICE MF-$0.75 HC-$6.00 148P.

DESCRIPTORS— *CHANGE AGENTS, *PHYSICS, *RELATIVITY, *SCIENTIFIC ENTERPRISE, EDUCATIONAL HISTORY, EINSTEIN, ENGLAND, FRANCE, GERMANY, INNOVATION, SCIENCE EDUCATION, SCIENCE EDUCATION HISTORY, SCIENCE HISTORY, UNITED STATES,

COMPARED ARE THE RESPONSES TO EINSTEIN'S THEORY OF RELATIVITY IN FOUR COUNTRIES BETWEEN THE YEARS 1905 AND 1911. THE COUNTRIES STUDIED ARE GERMANY, FRANCE, ENGLAND, AND THE UNITED STATES. ON THE BASIS OF THE RESPONSE, NATIONAL SCIENTIFIC STYLES ARE IDENTIFIED, AND THESE STYLES ARE RELATED TO PREVIOUS NATIONAL CHARACTERISTICS OF DOING SCIENCE AND TO THE STRUCTURE OF THE EDUCATIONAL SYSTEM IN THE FOUR COUNTRIES. (DS)

ED 020 919 **TE 000 416**

SUGGESTED READINGS IN THE LITERATURES OF AFRICA, CHINA, INDIA, JAPAN. CURRICULUM BULLETIN, 1967-68 SERIES.

NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, N.Y.

REPORT NUMBER BULL-13

PUB DATE 68

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *AFRICAN CULTURE, *CHINESE CULTURE, *ENGLISH INSTRUCTION, *INDIANS, *JAPANESE, ANNOTATED BIBLIOGRAPHIES, BIBLIOGRAPHIES, BIOGRAPHIES, DRAMA, FACTUAL READING, FICTION, FOLKLORE BOOKS, LITERATURE, POETRY, SOCIAL STUDIES,

THIS ANNOTATED BIBLIOGRAPHY OF OVER 350 SUGGESTED READINGS IN THE LITERATURES OF AFRICA, CHINA, INDIA, AND JAPAN WAS DESIGNED TO FACILITATE THE USE OF NON-WESTERN LITERATURE IN CURRICULUM DEVELOPMENT. WORKS WERE SELECTED FOR BEING REPRESENTATIVE OF THE COUNTRY, FOR HAVING LITERARY MERIT ACCORDING TO THE CANONS OF THE COUNTRY, AND FOR HAVING UNIVERSAL MEANING. AN INTRODUCTION LISTS RECOMMENDATIONS FOR TEACHERS IN GENERAL, FOR SCHOOLS AND SUPERVISORY PERSONNEL, AND FOR SEPARATE GRADE LEVELS OF THE SCHOOL SYSTEM. THIS BULLETIN IS AVAILABLE FOR $2.00 FROM THE BOARD OF EDUCATION OF THE CITY OF NEW YORK, PUBLICATIONS SALES OFFICE, 110 LIVINGSTON STREET, BROOKLYN, NEW YORK 11201. (LH)

ED 020 920 **TE 000 452**

LLOYD, DONALD J.

SUB-CULTURAL PATTERNS WHICH AFFECT LANGUAGE AND READING DEVELOPMENT.
NATIONAL COUNCIL OF TEACHERS OF ENG.,CHAMPAIGN,ILL
PUB DATE 63
EDRS PRICE MF-$0.25 HC-$0.84 19P.

DESCRIPTORS— *ENGLISH INSTRUCTION, *LANGUAGE DEVELOPMENT, *READING DEVELOPMENT, *SUBCULTURE, CULTURAL BACKGROUND, CULTURALLY DISADVANTAGED, LANGUAGE, LANGUAGE RHYTHM, LINGUISTICS, MINORITY GROUP CHILDREN, MINORITY GROUP TEACHERS, PARENT STUDENT RELATIONSHIP, PHONOLOGY, READING, SOCIAL BACKGROUND, SOCIAL DIALECTS, TEACHER ATTITUDES,

IMPROVING THE READING ABILITY OF CHILDREN OF THE "HAVE-NOT" POPULATION, ESPECIALLY THOSE OF CULTURAL SUB-GROUPS, REQUIRES THE TEACHER'S ACCEPTANCE OF THE CHILD'S SPOKEN LANGUAGE. CULTURALLY DISADVANTAGED AND CULTURALLY DIVERGENT CHILDREN HAVE PRONUNCIATIONS AND VOCABULARIES DIFFERENT FROM THOSE OF AVERAGE STUDENTS, BUT THE TEACHER SHOULD RESIST CONFUSING AND ALIENATING THESE CHILDREN BY URGING THEM TO CONFORM TO "MIDDLE CLASS" ENGLISH. INSTEAD, HE SHOULD EMPHASIZE SUCH ELEMENTS COMMON TO ALL SPEECH AS STRESS AND PITCH AND SHOULD TEACH THE CHILD TO SEE THE PRINTED PAGE AS AN EXTENSION OF HIS SPEECH. THE TEACHER SHOULD GUIDE THE CHILD TOWARD SEEING PHONOLOGICAL PHRASES AND WORD GROUPINGS INSTEAD OF INDIVIDUAL WORDS BY (1) EMPHASIZING INTONATION, (2) ILLUSTRATING THE NATURE AND VALUE OF RHYTHM, (3) DRAMATIZING READING, AND (4) TEACHING THE MEANINGS OF WORDS IN CONTEXT. (THIS ARTICLE APPEARED IN "LANGUAGE, LINGUISTICS, AND SCHOOL PROGRAMS, PROCEEDINGS OF THE SPRING INSTITUTES, 1963." CHAMPAIGN, ILL., NCTE, 1963.) (LH)

ED 020 921 TE 000 491
BURTON, DWIGHT L.
REPORT OF A PRELIMINARY SURVEY ON DOCTORAL PREPARATION IN ENGLISH EDUCATION.
EDRS PRICE MF-$0.25 HC-$0.44 9P.

DESCRIPTORS— *DOCTORAL PROGRAMS, *ENGLISH EDUCATION, *PROFESSIONAL TRAINING, DOCTORAL DEGREES, INSTITUTIONS, JOB ANALYSIS, OCCUPATIONAL SURVEYS, PROGRAM ATTITUDES, PROGRAM EVALUATION, PROGRAM IMPROVEMENT, PROGRAM PROPOSALS, SPECIALIST IN EDUCATION DEGREES, SUPERVISORS, TEACHER EDUCATORS,

CONCERN OVER UNFILLED DOCTORAL POSITIONS IN TEACHER EDUCATION AND SUPERVISION IN ENGLISH PROMPTED THE CONFERENCE ON ENGLISH EDUCATION TO SPONSOR A SURVEY OF 97 RECIPIENTS OF THE DOCTORATE IN "ENGLISH EDUCATION." EACH WAS ASKED (1) TO INDICATE DUTIES AND THE TYPE, SPECIALIZATION, AND INSTITUTION OF HIS DOCTORATE, (2) TO EVALUATE THE RELEVANCE OF HIS PREPARATION TO HIS POSITION, SUGGESTING DESIRABLE MODIFICATIONS, AND (3) TO RECOMMEND AN "IDEAL" DOCTORAL PROGRAM FOR THE POSITION. THE DOCTORATES OF THE 57 RESPONDENTS--10 PH.D.'S IN ENGLISH, 23 IN EDUCATION, AND 24 ED.D.'S--WERE AWARDED BY 40 INSTITUTIONS. OF 50 WHO RATED PERSONAL PREPARATION, 26 WERE GENERALLY COMPLIMENTARY, 24 DISSATISFIED. REASONABLE AGREEMENT WAS REACHED IN URGING DOCTORAL PROGRAM CHANGES--(1) MORE RELIANCE UPON INDEPENDENT STUDY, (2) CLOSER COORDINATION BETWEEN ENGLISH AND EDUCATION DEPARTMENTS, (3) PREREQUISITE REQUIREMENTS OF THE M.A. IN ENGLISH OR EDUCATION AND SUCCESSFUL TEACHING EXPERIENCE, AND (4) INTRAINING EXPERIENCE IN STUDENT-TEACHER SUPERVISION AND ENGLISH-EDUCATION INSTRUCTION. (RD)

ED 020 922 TE 000 492
BURTON, DWIGHT L.
SUMMARY OF REPORTS ON THIRTEEN DOCTORAL PROGRAMS IN ENGLISH EDUCATION.
EDRS PRICE MF-$0.25 HC-$1.20 28P.

DESCRIPTORS— *COLLEGE PROGRAMS, *DOCTORAL PROGRAMS, *ENGLISH EDUCATION, *GRADUATE STUDY, *NATIONAL SURVEYS, DEGREE REQUIREMENTS, DOCTORAL DEGREES, EDUCATION MAJORS, ENGLISH, HIGHER EDUCATION, INSTITUTIONS, LIBERAL ARTS MAJORS, PROFESSIONAL TRAINING, PROGRAM CONTENT, SPECIALIST IN EDUCATION DEGREES, TEACHER EDUCATION CURRICULUM,

THE DOCTORAL PROGRAMS IN ENGLISH EDUCATION OFFERED BY BOSTON, FLORIDA STATE, PENNSYLVANIA STATE, PURDUE, STANFORD, SYRACUSE, AND WAYNE STATE UNIVERSITIES, AND THE UNIVERSITIES OF COLORADO, GEORGIA, KANSAS, MICHIGAN, MINNESOTA, AND WISCONSIN ARE SUMMARIZED. THE REPORT IS DIVIDED INTO THREE SECTIONS--(1) A LIST OF THE UNIVERSITIES, DEGREES OFFERED, AND ADMINISTRATING DEPARTMENTS, (2) A SURVEY AND DESCRIPTION OF PROGRAM REQUIREMENTS, AS WELL AS OF PROGRAM GROWTH AND DESIRED IMPROVEMENTS, AND (3) INDIVIDUAL OUTLINES OF THE DOCTORAL PROGRAMS OF ALL 13 UNIVERSITIES. (RD)

ED 020 923 TE 000 517
BACK, HARRY
CENSORSHIP OF LIBRARY BOOKS AND TEXTBOOKS IN AMERICAN SCHOOLS.
PUB DATE JAN 65
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. 14P.

DESCRIPTORS— *CENSORSHIP, *ENGLISH INSTRUCTION, *SCHOOL LIBRARIES, *SCHOOL POLICY, *TEXTBOOKS, COMMUNITY INFLUENCES, COMMUNITY ORGANIZATIONS, FREEDOM ORGANIZATIONS, LIBRARIANS, LIBRARY MATERIAL SELECTION, LIBRARY MATERIALS, PUBLIC LIBRARIES, SCHOOL COMMUNITY RELATIONSHIP, SOCIAL VALUES, STATE LEGISLATION, TEXTBOOK BIAS, TEXTBOOK EVALUATION, TEXTBOOK PUBLICATIONS,

LIBRARIANS AND SCHOOL ADMINISTRATORS MUST LEARN TO UNDERSTAND CENSORSHIP ATTEMPTS AND THE METHODS OF OPPOSING THEM. CENSORSHIP GROUPS, THROUGH LIMITING ACCESS TO PARTICULAR WORKS, AIM AT UPHOLDING WHAT THEY FEEL ARE THE TRUE AMERICAN VALUES. THE CONSTITUTIONALITY OF CENSORSHIP IS UNCERTAIN, AND THE PREMISE UNDERLYING LEGAL CENSORSHIP--THAT READING CERTAIN MATERIALS DIVERSELY AFFECTS SOCIAL BEHAVIOR--HAS NOT BEEN EMPIRICALLY TESTED. IF THE PREMISE IS TRUE, ONLY COURTS HAVE THE AUTHORITY TO REGULATE THE DANGER. UNOFFICIAL CENSORSHIP, CARRIED OUT THROUGH INTIMIDATION BY PRESSURE GROUPS, MUST BE OPPOSED WITH DOCUMENTS IN INDIVIDUAL FREEDOM AND WITH ANTI-CENSORSHIP TECHNIQUES BY SCHOOL OFFICIALS. TWO EFFECTIVE DOCUMENTS ARE THE ALA'S "LIBRARY BILL OF RIGHTS" AND THE "FREEDOM TO READ STATEMENT" OF THE ALA AND THE AMERICAN BOOK PUBLISHERS COUNCIL. TECHNIQUES OF OPPOSING CENSORSHIP ARE DESCRIBED IN ALA'S "HOW LIBRARIES AND SCHOOLS CAN RESIST CENSORSHIP." (THIS ARTICLE APPEARED IN "-JOURNAL OF SECONDARY EDUCATION," VOL. 40 (JANUARY 1965), 3-15.) (LH)

ED 020 924 TE 000 518
FERSH, SEYMOUR H.
SEMANTICS AND THE STUDY OF CULTURE.
PUB DATE MAY 63
EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *CULTURAL CONTEXT, *CULTURAL DIFFERENCES, *CULTURE, *LANGUAGE, *SEMANTICS, APPLIED LINGUISTICS, COMMUNICATION (THOUGHT TRANSFER), CONTRASTIVE LINGUISTICS, CROSS CULTURAL TRAINING, CULTURAL AWARENESS, CULTURAL BACKGROUND, CULTURAL FACTORS, LANGUAGE INSTRUCTION, LANGUAGE USAGE,

TO SECURE A BETTER ALIGNMENT OF THEIR MENTAL PICTURES WITH "EXTERNAL REALITY," MEN NEED TO PAY CLOSER ATTENTION TO WORD MEANING, PARTICULARLY WHEN CONVEYING INFORMATION ABOUT A CULTURE DIFFERENT FROM THEIR OWN. THE TRANSFER OF MEANING WITHOUT CONFUSION WILL OCCUR MORE READILY IF THE FOLLOWING POINTS FROM GENERAL SEMANTICS ARE KEPT IN MIND--(1) "NO TWO THINGS ARE IDENTICAL, AND NO ONE THING REMAINS THE SAME." (2) "THE SAME WORD MAY BE USED TO CONNOTE DIFFERENT 'REALITIES,' WHILE SIMILAR EVENTS OR EXPERIENCES ARE SOMETIMES CALLED BY DIFFERENT NAMES." (3) "STATEMENTS OF OPINION ARE OFTEN CONFUSED WITH STATEMENTS OF FACT." (4) "IT IS NOT POSSIBLE TO TELL ALL ABOUT ANYTHING." AMONG TECHNIQUES FOR APPLYING GENERAL SEMANTICS ARE (1) USING DESCRIPTIVE TERMS RATHER THAN THOSE OF APPROVAL OR DISAPPROVAL, (2) USING PHRASES THAT SPECIFY THE QUALIFICATIONS OF A STATEMENT, (3) BECOMING MORE ALERT TO CULTURAL SEMANTIC CONDITIONING, AND (4) BEING SUSPICIOUS OF ONE'S OWN KNOWLEDGE. (THIS ARTICLE APPEARED IN "SOCIAL EDUCATION," VOL. 27 (MAY 1963), 259-61.) (LH)

ED 020 925 TE 000 519
WALLACE, KARL R.
GOALS, CONCEPTS, AND THE TEACHER OF SPEECH.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.52 11P.

DESCRIPTORS— *EDUCATIONAL OBJECTIVES, *RHETORIC, *SPEECH, *SPEECH EDUCATION, COLLEGE INSTRUCTION, COMMUNICATION SKILLS, ELEMENTARY EDUCATION, ENGLISH INSTRUCTION, GENERAL EDUCATION, LANGUAGE, LANGUAGE ARTS, LANGUAGE DEVELOPMENT, LANGUAGE SKILLS, SECONDARY EDUCATION, SOCIAL DEVELOPMENT, TEACHERS,

LIKE MANY OTHER DISCIPLINES, THE FIELD OF SPEECH IS IN NEED OF A REAPPRAISAL AND DEFINITION OF ITS CENTRAL GOALS AND FUNDAMENTAL CONCEPTS. ON THE ELEMENTARY SCHOOL LEVEL, ALL TEACHERS ARE LANGUAGE TEACHERS BECAUSE LANGUAGE DEVELOPMENT IS CRUCIAL TO THE LEARNING PROCESS AND TO THE SOCIAL GROWTH OF THE YOUNG CHILD. ON THE SECONDARY LEVEL, THE SPEECH TEACHER ATTEMPTS, IN CONJUNCTION WITH OTHER SPECIALISTS, TO AID THE STUDENT IN BECOMING CONGNIZANT OF AND CONTROLLING COMMUNICATION AS AN EXPERIENCE CENTRAL TO THE REALIZATION OF FAMILY, VOCATIONAL, AND PROFESSIONAL GOALS. FINALLY, ON THE COLLEGE LEVEL, SPEECH DEPARTMENTS PROVIDE A TRAINING GROUND FOR SPECIALISTS IN THIS DISCIPLINE AND PLAY AN IMPORTANT PART IN THE DEVELOPMENT OF ARTICULATE HUMANISTS. (THIS ARTICLE APPEARED IN "THE SPEEECH TEACHER, " VOL. 17 (MARCH 1968), 91-100.) (DL)

ED 020 926 TE 000 523
HUNT, KELLOGG W. AND OTHERS
AN INSTRUMENT TO MEASURE SYNTACTIC MATURITY, PRELIMINARY VERSION.
FLORIDA ST. UNIV., TALLAHASSEE
REPORT NUMBER BR-6-2253
PUB DATE 68
GRANT OEG-2-6-062253-1398
EDRS PRICE MF-$0.25 HC-$2.00 48P.

DESCRIPTORS— *LANGUAGE DEVELOPMENT, *LANGUAGE RESEARCH, *MEASUREMENT INSTRUMENTS, *SYNTAX, *WRITING, ACADEMIC ABILITY, ACADEMIC ACHIEVEMENT, AGE DIFFERENCES, COMPOSITION SKILLS (LITERARY), HIGH ACHIEVERS, LINGUISTICS, LOW ACHIEVERS, MATURATION, SENTENCE STRUCTURE, STATISTICAL ANALYSIS,

THE PURPOSES OF THIS EXPERIMENT CONDUCTED IN THE TALLAHASSEE, FLORIDA PUBLIC SCHOOLS WERE (1) TO STUDY DIFFERENCES IN SENTENCE STRUCTURES AMONG STUDENTS VARYING IN CHRONOLOGICAL MATURITY AND MENTAL ABILITY WITHIN GRADES 4, 6, 8, 10, AND 12, AND (2) TO SEE IF AN INSTRUMENT COULD BE DEVISED TO EFFI-

CIENTLY MEASURE SYNTACTIC MATURITY. THE INSTRUMENT CONSISTED OF A PASSAGE OF 32 SIMPLE SENTENCES WHICH THE 1,000 STUDENTS, AS WELL AS 25 ADULTS SKILLED IN WRITING, WERE ASKED TO REWRITE "IN A BETTER WAY." THE DEGREE OF SYNTACTIC MATURITY WAS COMPUTED BY COUNTING THE NUMBER OF CLAUSES, OR T-UNITS, AND THE NUMBER OF WORDS IN THE FINISHED COMPOSITIONS AND DIVIDING THE LATER BY THE FORMER TO GET T-UNIT LENGTH. THE RESULTS INDICATED THAT MORE MATURE AND ABLE STUDENTS TEND TO REDUCE CLAUSES TO WORDS OR PHRASES AND TO INCORPORATE THESE INTO LONGER T-UNITS. MOREOVER, THE WRITING OF SKILLED ADULTS SEEMED TO EXTEND THE TRENDS OF SYNTACTIC MATURITY OF SCHOOLCHILDREN. ALTHOUGH THE INSTRUMENT APPEARED RELIABLE FOR MEASURING GROUP ACHIEVEMENT, ITS RELIABILITY FOR MEASURING THE SYNTACTIC PERFORMANCE OF THE FREE WRITING OF AN INDIVIDUAL NECESSITATES FURTHER RESEARCH. (JS)

ED 020 927 TE 000 532

WALLACE, KARL R. AND OTHERS

THE FIELD OF SPEECH, ITS PURPOSES AND SCOPE IN EDUCATION.

SPEECH ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE NOV 63

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *ORAL COMMUNICATION, *SPEECH, *SPEECH EDUCATION, *SPEECH INSTRUCTION, DRAMATICS, LINGUISTICS, ORAL EXPRESSION, PUBLIC EDUCATION, PUBLIC SPEAKING, RESEARCH, RHETORIC, SPEECH IMPROVEMENT, SPEECH SKILLS, SPEECH THERAPY,

SPEECH PROFESSIONALS, SPECIALIZING IN THE ART AND SCIENCE OF SPEECH BEHAVIOR AND COMMUNICATION, SHARE THE COMMON ASSUMPTIONS THAT (1) SPEECH IS THE MOST SIGNIFICANT AND UNAVOIDABLE OF MAN'S LEARNED BEHAVIOR, (2) SPEECH IS THE HUMANISTIC CENTER FROM WHICH THE SEARCH FOR AND TRANSMISSION OF KNOWLEDGE ABOUT MAN PROPERLY PROCEED, AND (3) EVERY EDUCATED PERSON SHOULD UNDERSTAND AND USE APPROPRIATE MEANS OF COMMUNICATION. ALTHOUGH STUDENTS' SPEECH AND LANGUAGE SKILLS LARGELY DETERMINE THE EXTENT OF THEIR ACADEMIC AND VOCATIONAL SUCCESS, A MAJORITY OF SECONDARY SCHOOL TEACHERS REMAIN UNTRAINED IN THE FIELD OF SPEECH, AND SPEECH INSTRUCTION ITSELF CONTINUES TO BE LARGELY DISORGANIZED, ERRATIC, AND EXTRA-CURRICULAR. HENCE, PUBLIC SCHOOL EDUCATION MUST PROVIDE AN EXPLICIT AND SYSTEMATIC CONTINUITY OF INSTRUCTION IN SPEECH PROCESSES AND IN THE DEVELOPMENT OF SPEAKING SKILLS AT EVERY EDUCATIONAL LEVEL. (THIS ARTICLE APPEARED IN "THE SPEECH TEACHER," VOL. 12 (NOVEMBER 1963), 331-5) (JB)

ED 020 928 TE 000 534

KOHL, HERBERT R.

TEACHING THE "UNTEACHABLE," THE STORY OF AN EXPERIMENT IN CHILDREN'S WRITING.

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *COMPOSITION (LITERARY), *CREATIVE WRITING, *CULTURALLY DISADVANTAGED, *DISADVANTAGED YOUTH, *ENGLISH INSTRUCTION, *WRITING, COMMUNICATION (THOUGHT TRANSFER), GRAMMAR, LITERATURE, MYTHOLOGY, NOVELS, SOCIAL EXPERIENCE, SPELLING, STUDENT EXPERIENCE, VERBAL COMMUNICATION,

SLUM CHILDREN, WHO ARE OFTEN CONSIDERED ILLITERATE AND UNABLE TO COMMUNICATE, MAY SIMPLY BE AFRAID TO EXPRESS THEMSELVES BECAUSE THEY FEEL THAT THE TEACHER CANNOT BE TRUSTED. THESE CHILDREN NEED TO BE ALLOWED TO DISCUSS AND WRITE ABOUT THEIR OWN EXPERIENCES, AND NOT ABOUT, FOR EXAMPLE, THE PROGRESS OF AMERICA. STORIES CONCERNING THE SUFFERING OF VARIOUS PEOPLES AND DISCUSSIONS ABOUT WORDS WITH MYTHOLOGICAL ORIGINS CAN BE USED TO CATCH THEIR INTEREST AND WIN THEIR CONFIDENCE. IN THEIR EARLY ATTEMPTS AT WRITING, THESE DISADVANTAGED CHILDREN SHOULD NOT BE ENCUMBERED BY RULES OF SPELLING AND GRAMMAR SINCE EVENTUALLY THEY WILL TRY TO WRITE AS WELL AS POSSIBLE. THAT THEY DO LEARN TO WRITE IS EXTREMELY IMPORTANT FOR SOCIETY. (APPENDICES INCLUDE THE "MANIFESTO OF THE HUNTTING CONFERENCE" AND RESPONSES TO THE BOOK. NUMEROUS EXAMPLES OF STUDENT WRITING ARE GIVEN IN THE TEXT.) THIS BOOK IS AVAILABLE FOR $1.00 FROM THE NEW YORK REVIEW, 250 WEST 57 ST., NEW YORK, N.Y. 10019. (JS)

ED 020 929 TE 000 536

FRANK, JOHN P. HOGAN, ROBERT F.

OBSCENITY, THE LAW AND THE ENGLISH TEACHER–TWO PAPERS.

NATIONAL COUNCIL OF TEACHERS OF ENG.,CHAMPAIGN,ILL

PUB DATE 66

EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 66P.

DESCRIPTORS— *CENSORSHIP, *ENGLISH INSTRUCTION, *LEGAL PROBLEMS, *MORAL ISSUES, LITERARY DISCRIMINATION, LITERATURE, LITERATURE PROGRAMS, MORAL VALUES, PUBLIC OPINION, PUBLICATIONS, SOCIAL PROBLEMS, SOCIAL VALUES, TEACHING,

IN "OBSCENITY–SOME PROBLEMS OF VALUES AND THE USE OF EXPERTS," JOHN P. FRAN, OUTLINES THE LEGAL BASIS FOR DETERMINING OBSCENITY AND ANALYZES THE FUNCTION OF EXPERTS IN SUCH A DETERMINATION. AN EXPERIMENT IS DESCRIBED IN WHICH FOUR PROFESSORS OF LITERATURE AND TWO PSYCHOLOGISTS WERE ASKED TO READ SELECTED WORKS AND TO ANSWER QUESTIONS ABOUT THE OBSCENITY OF THE MATERIAL. THE CONCLUSION REACHED ON THE BASIS OF THEIR RESPONSES IS THAT, WHILE EXPERTS CAN DETERMINE THE LITERARY MERIT OF A WORK AND POSSIBLY THE INTENTION OF AN AUTHOR, THESE POINTS ARE OF LITTLE RELEVANCE IN DECIDING WHETHER OR NOT A WORK IS STRICTLY PORNOGRAPHIC. FRANK CONCLUDES BY DISCUSSING AN AREA WHERE EXPERT OPINION CAN BE OF VALUE–THE EFFECTS OF PORNOGRAPHY ON SOCIETY. ROBERT F. HOGAN, IN "OBSCENITY AND THE TEACHER–ANOTHER VIEW," TAKES UP THE UNIQUE PROBLEMS FACED BY TEACHERS OF ENGLISH AND PRESENTS THE VIEW THAT, SINCE PRNOGRAPHY CAN NEVER BE COMPLETELY ELIMINATED, ITS EFFECTS SHOULD BE MINIMIZED BY DEVELOPING MATURE RESPONSES IN PEOPLE THROUGH EDUCATION. (THIS DOCUMENT IS ALSO AVAILABLE FOR $1.00, ORDER NO. 20104, FROM THE NATIONAL COUNCIL OF TEACHERS OF ENGLISH, 508 SOUTH SIXTH ST., CHAMPAIGN, ILL. 61820.) (LH)

ED 020 930 TE 000 539

MELCHIOR, THOMAS E.

A LANGUAGE UNIT IN THE JUNIOR HIGH SCHOOL.

PUB DATE SEP 67

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *APPLIED LINGUISTICS, *ENGLISH INSTRUCTION, *JUNIOR HIGH SCHOOL STUDENTS, *LANGUAGE, AUDIOVISUAL AIDS, COMMUNICATION (THOUGHT TRANSFER), FIGURATIVE LANGUAGE, LINGUISTICS, MORPHEMES, PHONEMES, PROJECT ENGLISH, PROPAGANDA, SEMANTICS, SIGN LANGUAGE, SOCIAL DIALECTS, SPEECH, SYNTAX, TEACHING METHODS,

"THE NATURE OF LANGUAGE," ONE OF THE UNITS DEVELOPED BY THE PROJECT ENGLISH CENTER AT THE UNIVERSITY OF MINNESOTA, WAS THE BASIS FOR LANGUAGE STUDY IN A JUNIOR-HIGH CLASSROOM. INITIALLY FOCUSING ON HELEN KELLER AND THE WAY IN WHICH SHE LEARNED LANGUAGE, THE STUDY FOLLOWED A PROCEDURE THROUGH WHICH THE STUDENTS DISCOVERED THE RELATIONSHIP BETWEEN WORDS AND REFERENTS, THE CODE-LIKE NATURE OF LANGUAGE, THE UNITS COMPRISING THAT CODE (PHONEMES), AND THE RULES GOVERNING THE ORGANIZATION OF MORPHEMES INTO WORDS AND WORDS INTO SYNTACTIC UNITS. THE STUDY WAS THEN EXTENDED TO THE USES OF LANGUAGE BOTH AS A PERSONAL ACTIVITY AND AS A SOCIAL INSTRUMENT. STUDENTS EXAMINED FIGURATIVE AND LITERAL EXPRESSION, LANGUAGE IN BRAINWASHING AND PROPAGANDA, AND LANGUAGE AS IT ISOLATES SPEAKERS OF DIALECTS FROM THE REST OF SOCIETY. (SEVERAL SAMPLE ASSIGNMENTS BASED ON GENERALIZATIONS ABOUT THE NATURE OF LANGUAGE ARE INCLUDED.) THIS ARTICLE APPEARED IN "ENGLISH JOURNAL," VOL. 56 (SEPTEMBER 1967), 858-62. (JS)

ED 020 931 TE 000 557

GRABER, RALPH S.

BASEBALL IN AMERICAN FICTION.

PUB DATE NOV 67

EDRS PRICE MF-$0.25 HC-$0.44 9P.

DESCRIPTORS— *AMERICAN CULTURE, *AMERICAN LITERATURE, *FICTION, *LITERARY HISTORY, FANTASY, LITERARY ANALYSIS, LITERARY CRITICISM, MORAL VALUES, NOVELS, SATIRE, SHORT STORIES, SOCIAL ATTITUDES, SOCIAL VALUES, TWENTIETH CENTURY LITERATURE,

BASEBALL FICTION HAS MOVED FROM THE JUVENILE STORIES OF THE TURN OF THE CENTURY TO ADULT FICTION IN WHICH THE GAME IS EXAMINED FOR THE LIGHT IT SHEDS ON THE PARADOXES OF AMERICAN LIFE. EARLY BASEBALL FICTION WAS DIRECTED TOWARD THE DIME-NOVEL AUDIENCE, BUT AFTER WORLD WAR I, SUCH WRITERS AS HEYWOOD BROUN AND RING LARDNER AIMED FOR ADULT READERS AND PRODUCED ACCOUNTS OF BASEBALL CONTAINING VALID INSIGHTS INTO THE AMERICAN SCENE. IN THE 30'S, THOMAS WOLFE, NELSON ALGREN, AND JAMES T. FARRELL WROTE ABOUT THE GAME IN THEIR NOVELS, AND SINCE WORLD WAR II, WRITERS HAVE PRODUCED BASEBALL FICTION RANGING FROM FANTASY TO REALISTIC NOVELS. THE BEST RECENT BASEBALL FICTION (E.G., BERNARD MALAMUD'S "THE NATURAL" AND MARK HARRIS' "THE SOUTHPAW," "-BANG THE DRUM SLOWLY," AND "A TICKET FOR SEAMSTITCH") CONCENTRATES NOT MERELY ON THE GAME OR THE PLAYERS' LIVES BUT ON THE UNIVERSAL PROBLEMS OF HUMAN BEHAVIOR. (THIS ARTICLE APPEARED IN "ENGLISH JOURNAL," VOL. 56 (NOVEMBER 1967), 1107-14.) (LH)

ED 020 932 TE 000 562

JOSEPHS, LOIS

TEACHING "MOBY DICK," A METHOD AND AN APPROACH.

PUB DATE NOV 67

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *AMERICAN LITERATURE, *ENGLISH INSTRUCTION, *LITERATURE, *NOVELS, *TEACHING TECHNIQUES, CONTENT READING, CRITICAL READING, HERMAN MELVILLE, INTERPRETIVE READING, LITERARY ANALYSIS, MOBY DICK, SATIRE, SECONDARY EDUCATION, SYMBOLS (LITERARY), TEACHER ATTITUDES, TEACHING METHODS,

"MOBY DICK" IS SINGULARLY APPROPRIATE FOR HIGH SCHOOL STUDENTS IN ITS PHILOSOPHICAL, PSYCHOLOGICAL, AND SOCIAL EMPHASIS. HOWEVER, TO GUIDE THE STUDENTS INTO THE THEMATIC INTRICACIES OF THE WORK, THE TEACHER MUST USE A CAREFULLY PLANNED, INDUCTIVE APPROACH THAT DEMANDS CLOSE TEXTUAL STUDY IN CLASS. ALTHOUGH EACH TEACHER SHOULD CONCENTRATE ON THE SECTIONS OF THE NOVEL THAT HE FINDS MOST EXCITING, THE FOLLOWING PASSAGES HAVE PROVED REWARDING IN DISCUSSIONS WITH STUDENTS–(1) THE FIRST CHAPTER, WHICH INTRODUCES ISHMAEL AND

MELVILLE'S SATIRIC HUMOR, (2) ISHMAEL'S MEETING, FRIENDSHIP, AND CONVERSATION WITH QUEEQUEG, (3) THE FIRST GLIMPSE OF AHAB, (4) STARBUCK'S BATTLE WITH HIMSELF, (5) THE DESCRIPTIONS OF "SUNSET," "DUSK," "FIRST NIGHTWATCH," AND "MIDNIGHT, FORECASTLE," AND (6) THE CHAPTER, "WHITENESS OF THE WHALE." SUCH DETAILED ANALYSES OF SELECTED PASSAGES WILL ILLUSTRATE THE NOVEL'S RELEVANCE TO THE AMBIGUITIES OF MODERN LIFE AND PREPARE THE STUDENT FOR DEPTH STUDY OF THE WORK IN COLLEGE. (THIS ARTICLE APPEARED IN "ENGLISH JOURNAL," VOL. 56 (NOVEMBER 1967), 1115-19.) (LH)

ED 020 933 24 TE 000 583

JENKINSON, EDWARD B., ED. DAGHLIAN, PHILIP B., ED.

BOOKS FOR TEACHERS OF ENGLISH, AN ANNOTATED BIBLIOGRAPHY. INDIANA UNIVERSITY ENGLISH CURRICULUM STUDY SERIES.

INDIANA UNIV., BLOOMINGTON, ENG. CURRIC.STUDY CTR.

REPORT NUMBER BR-5-0677-4

PUB DATE 68

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *ENGLISH INSTRUCTION, *SECONDARY EDUCATION, AMERICAN LITERATURE, BIOGRAPHIES, COMPOSITION (LITERARY), DRAMA, ENGLISH, ENGLISH LITERATURE, ESSAYS, FICTION, LANGUAGE, LANGUAGE STYLES, LITERARY ANALYSIS, LITERARY CRITICISM, LITERARY HISTORY, POETRY, RHETORIC,

A COMPANION VOLUME TO THE COLLECTION OF ESSAYS, "ON TEACHING LITERATURE" (TE 000 393), THIS BIBLIOGRAPHY IS DESIGNED PRIMARILY TO MEET THE NEEDS OF THE TEACHER OF ENGLISH IN THE SECONDARY SCHOOL. IN NINE SECTIONS, EACH BY A DIFFERENT AUTHOR, IT DESCRIBES AND SUMMARIZES THE CONTENTS OF WHAT THE WRITERS HAVE JUDGED TO BE THE MOST VALUABLE AND SIGNIFICANT WORKS IN THE FIELD. IN ADDITION, THE INDIVIDUAL VALUE AND PARTICULAR CONTRIBUTIONS OF MANY OF THE WORKS ARE ASSESSED. THE SECTIONS COMPRISING THE VOLUME ARE–(1) "LITERARY CRITICISM," (2) "ON POETRY," (3) "ON FICTION," (4) "ON DRAMA," (5) "ON BIOGRAPHY," (6) "PROSE STYLE IN THE ESSAY," (7) "ON RHETORIC," (8) "ON LANGUAGE," AND (9) "ON TEACHING ENGLISH." THIS BOOK IS AVAILABLE FOR $1.85 (CLOTHBOUND, $5.75) FROM THE INDIANA UNIVERSITY PRESS, 10TH AND NORTON STREETS, BLOOMINGTON, INDIANA 47401. (RC)

ED 020 934 24 TE 000 602

THE DEVELOPMENT AND TESTING OF APPROACHES TO THE TEACHING OF ENGLISH IN THE JUNIOR HIGH SCHOOL. FINAL REPORT.

FLORIDA ST. UNIV., TALLAHASSE,CURRICULUM STUDY CTR

REPORT NUMBER PROJ-NO-H-026

REPORT NUMBER BR-5-0666

PUB DATE 30 JUN 68

CONTRACT OEC-4-10-018

EDRS PRICE MF-$0.75 HC-$5.84 144P.

DESCRIPTORS— *CURRICULUM DEVELOPMENT, *CURRICULUM EVALUATION, *ENGLISH INSTRUCTION, *EXPERIMENTAL CURRICULUM, *JUNIOR HIGH SCHOOL STUDENTS, ACADEMIC ACHIEVEMENT, COGNITIVE PROCESSES, COMPOSITION (LITERARY), CURRICULUM RESEARCH, ENGLISH CURRICULUM, JUNIOR HIGH SCHOOLS, LANGUAGE, LITERATURE, PROJECT ENGLISH, SECONDARY SCHOOL TEACHERS, TESTING,

THE PRIMARY OBJECTIVE OF THE FLORIDA STATE UNIVERSITY CURRICULUM STUDY CENTER IN ENGLISH–THE IDENTIFICATION OF GUIDELINES FOR THE TEACHING OF ENGLISH IN JUNIOR HIGH SCHOOLS–WAS TO BE ACCOMPLISHED BY DEVELOPING THREE CURRICULUMS, EACH BASED UPON A DIFFERENT APPROACH. THE THREE APPROACHES WERE–(1) TRI-COMPONENT, (2) THEMATIC LITERATURE-CENTERED, AND (3) COGNITIVE PROCESSES. THESE CURRICULUMS WERE USED FOR 3 YEARS WITH 1,000 JUNIOR HIGH SCHOOL STUDENTS WHO WERE THEN TESTED AND COMPARED TO CONTROL GROUPS. RESULTS INDICATED THAT DIFFERENCES IN STUDENT ACHIEVEMENT AND RESPONSE AMONG THE THREE EXPERIMENTAL CURRICULUMS WERE NOT SIGNIFICANT, ALTHOUGH THE TRI-COMPONENT CURRICULUM WAS MORE EFFECTIVE IN PRODUCING CERTAIN KINDS OF LANGUAGE SKILLS AND WAS SUPERIOR TO THE MISCELLANEOUS CONTROL CURRICULUMS. CONCLUSIONS OF THE STUDY WERE THAT AN ORGANIZED APPROACH TO TEACHING ENGLISH IS IMPORTANT, THAT A STRUCTURED CURRICULUM DOES NOT GUARANTEE EFFECTIVE STUDENT PERFORMANCE, AND THAT TEACHER BEHAVIOR HAS A CRITICAL EFFECT ON STUDENT PERFORMANCE. IT WAS RECOMMENDED THAT FUTURE RESEARCH FOCUS ON THE TEACHER AS WELL AS ON SUBJECT MATTER. (THE APPENDICES, CONTAINING PARTS OF THE THREE CURRICULUMS, ARE NOT INCLUDED IN THIS REPORT. SELECTED AND REVIEWED MATERIALS DEVELOPED BY THE CENTER ARE SCHEDULED FOR PUBLICATION BY THE SILVER BURDETT COMPANY.) (JS)

ED 020 935 TE 499 981

KELLY, JAMES

TEACHING STRATEGIES FOR MIDDLE EASTERN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.

BERGEN COUNTY CENTER FOR NON-WESTERN STUDIES

PUB DATE JUN 68

GRANT OEG-1-6-000407-0427

EDRS PRICE MF-$0.75 HC-$5.92 146P.

DESCRIPTORS— *AREA STUDIES, *CULTURE, *CURRICULUM GUIDES, *SECONDARY EDUCATION, *SOCIAL STUDIES, CULTURAL DIFFERENCES, CULTURAL ENRICHMENT, DEVELOPING NATIONS, ECONOMIC FACTORS, ESEA TITLE 3, FINE ARTS, GEOGRAPHY, HISTORY, HUMANITIES INSTRUCTION, MIDDLE EAST, POLITICAL INFLUENCES, PROGRAMS, SENIOR HIGH SCHOOLS, SOCIAL FACTORS, TEACHING METHODS,

THE THIRD PART OF A PROJECT TO DEVELOP APPROACHES TO TEACHING HIGH SCHOOL STUDENTS ABOUT CULTURE AREAS OF THE NON-WESTERN WORLD (SEE TE 499 984 AND TE 499 995), THIS TEACHERS' GUIDE FOR AN 8-WEEK COURSE ON THE MIDDLE EAST COVERS THE GOEGRAPHY, ECONOMY, POLITICS, AND CULTURE OF THE AREAS. IT ALSO DEALS WITH THE MAJOR HISTORICAL DEVELOPMENTS IN THE MIDDLE EAST AND THE AREAS'S CONTRIBUTION TO WORLD CULTURE. CHARTS, MAPS, AND A BIBLIOGRAPHY ARE INCLUDED, TOGETHER WITH SUGGESTIONS FOR STUDENT ACTIVITIES AND A LIST OF AUDIOVISUAL AIDS. THIS GUIDE IS AVAILABLE (FREE) FROM LEONARD VISSER, BERGEN COUNTY CENTER FOR NON-WESTERN STUDIES, RIVER DELL REGIONAL SENIOR HIGH SCHOOL, PYLE ST., ORADELL, N. J. 07649. (DL)

ED 020 936 TE 499 984

KELLY, JAMES

TEACHING STRATEGIES FOR ASIAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.

BERGEN COUNTY CENTER FOR NON-WESTERN STUDIES

PUB DATE JUN 67

GRANT OEG-1-6-000407-0427

EDRS PRICE MF-$0.75 HC-$6.60 163P.

DESCRIPTORS— *ASIAN HISTORY, *CULTURE, *CURRICULUM GUIDES, *SECONDARY EDUCATION, *SOCIAL STUDIES, ANTHROPOLOGY, AREA STUDIES, ART, ASIA, CHINESE, ECONOMICS, ESEA TITLE 3 PROGRAMS, INDIANS, INSTRUCTIONAL MATERIALS, INTERDISCIPLINARY APPROACH, JAPANESE, LITERATURE, RELIGION, SENIOR HIGH SCHOOLS, SOCIOCULTURAL PATTERNS, TEACHING METHODS,

THIS CURRICULUM GUIDE FOR USE WITH HIGH SCHOOL STUDENTS PROVIDES A DETAILED COURSE OF STUDY THAT INTERPRETS THE FAR EAST'S HISTORICAL AND CULTURAL CONCEPTS, PROBLEMS, AND ACHIEVEMENTS. THROUGH AN INTERDISCIPLINARY APPROACH, THIS STUDY IS DIVIDED INTO UNITS ON (1) INDIA AND PAKISTAN, TREATING HUMAN RESPONSES TO ENVIRONMENT, THE ECONOMY AND EARLY HISTORY OF INDIA, MAHATMA GANDHI, AND PROBLEMS OF INDEPENDENCE, AND (2) CHINA AND JAPAN, DISCUSSING CULTURAL RESPONSES TO ENVIRONMENTAL INFLUENCES, THE GROWTH OF CHINESE CALLIGRAPHY, AND THE IMPACT OF TRADITION, RELIGION, AND THE VALUE SYSTEM OF THEIR HISTORY AND CULTURE. BOTH UNITS EXAMINE THE CULTURAL CLASHES AND ASSIMILATIONS WHICH FOLLOWED THE EAST-WEST CONTACT. INCLUDED ARE A LIST OF AUDIOVISUAL AIDS, BIBLIOGRAPHIES OF BOOKS, STUDY AND DISCUSSION GUIDES WHICH INTERPRET INSTRUCTIONAL MATERIALS, AND MAPS AND CHARTS WHICH EXPLICATE POLITICAL AND ECONOMIC CONCEPTS. THIS GUIDE IS AVAILABLE (FREE) FROM LEONARD VISSER, BERGEN COUNTY CENTER FOR NON-WESTERN STUDIES, RIVER DELL REGIONAL SENIOR HIGH SCHOOL, PYLE ST., ORADELL, N. J. 07649. SEE ALSO TE 499 995 AND TE 499 981. (JB)

ED 020 937 24 TE 499 986

ORR, JEANNE

A DEVELOPMENTAL CONFERENCE TO ESTABLISH GUIDELINES FOR PILOT PROGRAMS FOR TEACHING THE CONCEPTS OF ART APPRECIATION WHICH ARE BASIC IN THE GENERAL EDUCATION OF ALL PUBLIC SCHOOL STUDENTS. FINAL REPORT.

OHIO STATE UNIV., COLUMBUS, RESEARCH FOUNDATION

REPORT NUMBER BR-6-1180

PUB DATE AUG 67

GRANT OEG-3-7-061180-1086

EDRS PRICE MF-$0.50 HC-$4.80 118P.

DESCRIPTORS— *ART APPRECIATION, *ART EDUCATION, *CONFERENCES, ART, ART MATERIALS, ARTISTS, CULTURALLY DISADVANTAGED, EDUCATIONAL EXPERIENCE, ENVIRONMENTAL INFLUENCES, MUSEUMS, ORIGINALITY, PLANNING MEETINGS, TEACHER EDUCATION, TEACHER ROLE, VISUAL PERCEPTION,

SIXTEEN CONSULTANTS WITH DIVERSE BUT RELATED BACKGROUNDS OF EXPERIENCE IN ART AND EDUCATION EXCHANGED IDEAS ON THE MEANING OF ART AND ART APPRECIATION. AN ATTEMPT WAS MADE TO IDENTIFY GOALS, CONTENT, MATERIALS, AND EXPERIENCES THAT WOULD ENHANCE THE TEACHING OF ART APPRECIATION. NO ATTEMPT WAS MADE TO REACH COMPROMISE AGREEMENTS, AND DIVERSE POINTS OF VIEW WERE RECORDED. AMONG THE TOPICS DISCUSSED WERE–(1) CONCEPTIONS OF ART AND DEFINITIONS OF ART APPRECIATION, (2) THE RELATION OF ENVIRONMENT TO THE STUDY OF ART, (3) THE CULTURALLY DEPRIVED CHILD, (4) THE RELATIONSHIP BETWEEN THE TEACHER AND THE PRACTICING ARTIST, (5) THE EDUCATION AND ROLE OF THE ART TEACHER, AND (6) THE VALUE OF PRIMARY AND SECONDARY MATERIALS IN ART EDUCATION. (INCLUDED ARE A DESCRIPTION OF CONFERENCE PLANNING AND DESIGN, AND 19 APPENDICES CONTAINING SAMPLE FORMS USED AT THE CONFERENCE AND LETTERS AND ARTICLES SENT BY NONPARTICIPANTS.) (LH)

ED 020 938 TE 499 995

KELLY, JAMES

TEACHING STRATEGIES FOR AFRICAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.

BERGEN COUNTY CENTER FOR NON-WESTERN STUDIES

PUB DATE JAN 68

GRANT OEG-1-6-000407-0427

EDRS PRICE MF-$0.75 HC-$6.84 169P.

DESCRIPTORS— *AFRICAN CULTURE, *CULTURE, *CURRICULUM GUIDES, *SECONDARY EDUCATION, *SOCIAL STUDIES, AFRICA, AREA

STUDIES, CULTURAL DIFFERENCES, CULTURAL ENRICHMENT, DEVELOPING NATIONS, ECONOMIC FACTORS, ESEA TITLE 3 PROGRAMS, FINE ARTS, GEOGRAPHY, HISTORY, HUMANITIES INSTRUCTION, POLITICAL INFLUENCES, RACIAL CHARACTERISTICS, SENIOR HIGH SCHOOLS, SOCIAL FACTORS, TEACHING METHODS,

THIS CURRICULUM GUIDE PRESENTS THE SECOND OF FIVE PROPOSED SENIOR HIGH SCHOOL UNITS ON CULTURE AREAS OF THE NON-WESTERN WORLD. SUGGESTED "STRATEGIES" ILLUSTRATE TECHNIQUES TO ENCOURAGE STUDENT AND TEACHER INVOLVEMENT IN ACTIVE CLASSROOM LEARNING. CHAPTER TITLES INDICATE THE SCOPE OF THE SUBJECT MATTER--"THE TEACHING OF AFRICAN GEOGRAPHY," "THE CULTURES OF AFRICA," "THE PEOPLES OF AFRICA," "AFRICAN SOCIAL ORGANIZATIONS," "POLITICAL WINDS OF CHANGE IN AFRICA," "SOCIAL CHANGES," "INDUSTRIAL AND ECONOMIC CHANGES," "AFRICA'S OTHER PROBLEMS" (TRIBAL AND REGIONAL DIFFERENCES AND JEALOUSIES, INTERNAL SECURITY, TRANSPORTATION, COMMUNICATION, INTERNATIONAL RELATIONS), "NATION BUILDING," "CULTURAL ACTIVITIES" (MUSIC, ART, LITERATURE), AND "AFRICAN HISTORY." A BIBLIOGRAPHY OF BOOKS AND AUDIOVISUAL AIDS, AND A DESCRIPTION OF AN AFRICAN REALIA KIT ARE APPENDED. THIS GUIDE IS AVAILABLE (FREE, LIMITED SUPPLY) FROM LEONARD VISSER, BERGEN COUNTY CENTER FOR NON-WESTERN STUDIES, RIVER DELL REGIONAL SENIOR HIGH SCHOOL, PYLE ST., ORADELL, N.J. 07649. SEE ALSO TE 499 984 AND TE 499 981. (RD)

ED 020 939 **TE 500 190**

NELSON, BONNIE E.

COLLEGE PROGRAMS IN FRESHMAN COMPOSITION.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$1.92 46P.

DESCRIPTORS— *COLLEGE FRESHMEN, *COMPOSITION (LITERARY), *COURSE CONTENT, *ENGLISH INSTRUCTION, *ENGLISH PROGRAMS, COMPOSITION SKILLS (LITERARY), DUQUESNE UNIVERSITY, ELMIRA COLLEGE, ENGLISH, ENGLISH CURRICULUM, GRADING, HIGHER EDUCATION, INSTRUCTIONAL INNOVATION, JUNIATA COLLEGE, KALAMAZOO COLLEGE, LITERATURE, MICHIGAN, MISSOURI, NEW YORK, PENNSYLVANIA, STATE UNIVERSITY OF NEW YORK AT BUFFALO, SURVEYS, TEACHING TECHNIQUES, WASHINGTON UNIVERSITY, WRITING EXERCISES, WRITING SKILLS,

THE ASSOCIATION OF DEPARTMENTS OF ENGLISH COLLECTED INFORMATION FROM DIRECTORS OF FRESHMAN ENGLISH FOR A REPORT ON COLLEGE PROGRAMS IN FRESHMAN COMPOSITION. THE FIRST SECTION OF THE REPORT, A DISCUSSION OF TRENDS IN FRESHMAN COMPOSITION, INDICATES THAT LINGUISTICS AND THE STUDY OF LANGUAGE HAVE NOT BECOME A PART OF THE FRESHMAN ENGLISH CURRICULUM. THE MAJOR PORTION OF THE REPORT CONSISTS OF A SURVEY OF CURRENT PRACTICES IN 66 INSTITUTIONS. TYPES OF COMPOSITION PROGRAMS METHODS OF TEACHING WRITING, THE ELEMINATION OF COMPOSITION COURSES, AS WELL AS GRADING, WRITING ASSIGNMENTS, AND VARIOUS METHODS OF ORGANIZING CLASSES ARE DISCUSSED. APPENDIXES PROVIDE DETAILED INFORMATION ON THE GRADUATE ASSOCIATE PROGRAM AT DUQUESNE UNIVERSITY AND ON COMPOSITION PROGRAMS AT JUNIATA COLLEGE, ELMIRA COLLEGE, KALAMAZOO COLLEGE, WASHINGTON UNIVERSITY, AND THE STATE UNIVERSITY OF NEW YORK AT BUFFALO. (BN)

ED 020 940 **TE 500 191**

NELSON, BONNIE E., COMP.

FRESHMAN ENGLISH AT THE STATE UNIVERSITY OF NEW YORK, BUFFALO.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.75 HC-$7.40 183P.

DESCRIPTORS— *COLLEGE FRESHMEN, *COMPOSITION (LITERARY), *ENGLISH INSTRUCTION, *ENGLISH PROGRAMS, *INSTRUCTIONAL INNOVATION, COMPOSITION SKILLS (LITERARY), COURSE CONTENT, *ENGLISH, ENGLISH CURRICULUM, GRADING, HIGHER EDUCATION, NEW YORK, PROGRAM EVALUATION, STATE UNIVERSITY OF NEW YORK AT BUFFALO, STUDENT EVALUATION, TEACHING TECHNIQUES, WRITING EXERCISES, WRITING SKILLS,

FOR A REPORT ON COLLEGE PROGRAMS IN FRESHMAN COMPOSITION THE ASSOCIATION OF DEPARTMENTS OF ENGLISH OBTAINED SYLLABI AND COURSE DESCRIPTIONS FROM DIRECTORS OF FRESHMAN COMPOSITION IN 66 COLLEGES AND UNIVERSITIES. AMONG THE DATA ASSEMBLED FOR THE FULL REPORT (AVAILABLE AS TE 500 190) IS THE DESCRIPTION OF THE FRESHMAN ENGLISH PROGRAM AT THE STATE UNIVERSITY OF NEW YORK, BUFFALO, WHICH IS CONTAINED IN THIS DOCUMENT. THE FIRST SECTION DESCRIBES 18 DIFFERENT COURSES OFFERED TO FRESHMEN IN THE FALL OF 1968. THE SECOND SECTION CONTAINS 12 PROPOSALS SUBMITTED BY TEACHERS FOR A NEW TWO-SEMESTER FRESHMAN ENGLISH COURSE. THE MAJOR PORTION OF THE DOCUMENT CONSISTS OF A REPORT ON 15 DIFFERENT COURSES TAUGHT FOR THE FIRST TIME IN THE FALL SEMESTER, 1967-68. A DESCRIPTION OF WHAT WENT ON IN THE CLASSROOM AND AN EVALUATION OF THE EFFECTIVENESS OF THE COURSE ARE GIVEN BY EACH TEACHER. ALSO A GENERAL SUMMARY OF THE SUCCESSES AND FAILURES OF THESE COURSES IS PROVIDED. (BN)

ED 020 941 **TE 500 192**

NELSON, BONNIE E., COMP.

FRESHMAN ENGLISH AT THE UNIVERSITY OF HAWAII.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$3.00 73P.

DESCRIPTORS— *COLLEGE FRESHMEN, *COMPOSITION (LITERARY), *ENGLISH INSTRUCTION, *ENGLISH PROGRAMS, *INSTRUCTIONAL MATERIALS, COMPOSITION SKILLS (LITERARY), COURSE CONTENT, ENGLISH, GRADING, HIGHER EDUCATION, HONOLULU, STUDENT EVALUATION, TEACHING GUIDES, TEACHING TECHNIQUES, UNIVERSITY OF HAWAII, WRITING EXERCISES, WRITING SKILLS,

FOR A REPORT ON COLLEGE PROGRAMS IN FRESHMAN COMPOSITION, THE ASSOCIATION OF DEPARTMENTS OF ENGLISH OBTAINED SYLLABI AND COURSE DESCRIPTIONS FROM DIRECTORS OF FRESHMAN COMPOSITION IN 66 COLLEGES AND UNIVERSITIES. AMONG THE DATA ASSEMBLED FOR THE FULL REPORT (AVAILABLE AS TE 500 190) IS THE DESCRIPTION OF THE FRESHMAN ENGLISH PROGRAM AT THE UNIVERSITY OF HAWAII, WHICH IS CONTAINED IN THIS DOCUMENT. THE FIRST SECTION, "GENERAL INFORMATION FOR INSTRUCTORS," PROVIDES BACKGROUND INFORMATION ABOUT STUDENTS IN FRESHMAN ENGLISH AND DISCUSSES ADMINISTRATIVE GUIDELINES FOR THE FRESHMAN ENGLISH STAFF. THE MAJOR PORTION OF THE DOCUMENT CONSISTS OF A REPORT ON TEXTS, MATERIALS, AND OBJECTIVES FOR ENGLISH 101 AND 102. THEME ASSIGNMENTS, GRADING, QUESTIONS STUDENTS MAY ASK, AS WELL AS GUIDELINES USED IN THE ASSISTANCE OF NEW STAFF ARE DISCUSSED. A SUMMARY SECTION ABOUT FRESHMAN ENGLISH AT THE UNIVERSITY OF HAWAII IS ALSO INCLUDED. (BN)

ED 020 942 **TE 500 193**

NELSON, BONNIE., COMP.

FRESHMAN ENGLISH AT NINE INSTITUTIONS WHICH HAVE ELIMINATED THE TRADITIONAL COURSE IN FRESHMAN COMPOSITION--ANTIOCH, ELMIRA, JUNIATA, AND SWARTHMORE COLLEGES AND BAKER, CLARK, EMORY, MARYLAND, AND TULANE UNIVERSITIES.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$1.24 29P.

DESCRIPTORS— *COLLEGE FRESHMEN, *COMPOSITION (LITERARY), *ENGLISH INSTRUCTION, *ENGLISH PROGRAMS, *PROGRAM DEVELOPMENT, COMPOSITION SKILLS (LITERARY), COURSE CONTENT, CURRICULUM PLANNING, EDUCATIONAL CHANGE, ENGLISH, ENGLISH CURRICULUM, HIGHER EDUCATION, LITERATURE PROGRAMS, TEACHING TECHNIQUES, WRITING SKILLS,

FOR A REPORT ON COLLEGE PROGRAMS IN FRESHMAN COMPOSITION, THE ASSOCIATION OF DEPARTMENTS OF ENGLISH OBTAINED SYLLABI AND COURSE DESCRIPTIONS FROM DIRECTORS OF FRESHMAN COMPOSITION IN 66 COLLEGES AND UNIVERSITIES. AMONG THE DATA ASSEMBLED FOR THE FULL REPORT (AVAILABLE AS TE 500 190) ARE THE DESCRIPTIONS OF FRESHMAN ENGLISH COURSES AT NINE INSTITUTIONS, WHICH ARE CONTAINED IN THIS DOCUMENT. ALL OF THE NINE INSTITUTIONS HAVE ELIMINATED THE TRADITIONAL COURSE IN FRESHMAN COMPOSITION. THE ARRANGEMENTS FOR SPECIAL ASSISTANCE AT ANTIOCH COLLEGE, THE HUMANITIES CORE PROGRAM AT BAKER UNIVERSITY, AND THE INTRODUCTORY LITERATURE COURSE WHICH REPLACES FRESHMAN COMPOSITION AT CLARK UNIVERSITY ARE BREIFLY DESCRIBED. A MORE DETAILED DISCUSSION IS GIVEN FOR THE LIBERAL STUDIES PROGRAM AT ELMIRA COLLEGE, AS WELL AS THE COURSES OFFERED TO FRESHMEN AT EMORY UNIVERSITY AND THE UNIVERSITY OF MARYLAND. THE ENGLISH CONFERENCE PROGRAM AT JUNIATA COLLEGE, THE STANDARD, INTRODUCTORY COURSE AT SWARTHMORE COLLEGE, AND THE TWO-SEMESTER, REQUIRED LITERATURE COURSE AT TULANE UNIVERSITY ARE ALSO DISCUSSED. A BRIEF DISCUSSION OF THE REASONS FOR ELIMINATING THE TRADITIONAL COMPOSITION COURSE AT ANTOICH, ELMIRA, TULANE, AND MARYLAND IS INCLUDED. (BN)

ED 020 943 **TE 500 194**

NELSON, BONNIE E., COMP.

FRESHMAN ENGLISH AT THE UNIVERSITY OF TULSA, COLUMBIA BASIN COLLEGE, AND WESTERN STATE COLLEGE OF COLORADO.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.75 HC-$5.60 138P.

DESCRIPTORS— *COLLEGE FRESHMAN, *COURSE CONTENT, *ENGLISH PROGRAMS, *INSTRUCTIONAL MATERIALS, *LANGUAGE ARTS, COLUMBIA BASIN COLLEGE, COMMUNICATION (THOUGHT TRANSFER), COMMUNICATION SKILLS, COMPOSITION (LITERARY), COMPOSITION SKILLS (LITERARY), ENGLISH, ENGLISH INSTRUCTION, GUNNISON, HIGHER EDUCATION, OKLAHOMA, TEACHING GUIDES, TEACHING TECHNIQUES, UNVIERSITY OF TULSA, WASHINGTON, WESTERN STATE COLLEGE OF COLORADO, WRITING EXERCISES, WRITING SKILLS,

FOR A REPORT ON COLLEGE PROGRAMS IN FRESHMAN COMPOSITION, THE ASSOCIATION OF DEPARTMENTS OF ENGLISH OBTAINED SYLLABI, AND COURSE DESCRIPTIONS FROM DIRECTORS OF FRESHMAN COMPOSITION AT 66 COLLEGES AND UNIVERSITIES. AMONG THE DATA ASSEMBLED FOR THE FULL REPORT (AVAILABLE AS TE 500 190) ARE THE DESCRIPTIONS OF FRESHMAN ENGLISH AT THREE INSTITUTIONS, WHICH ARE CONTAINED IN THIS DOCUMENT. THE FIRST SECTION INCLUDES A DISCUSSION OF COMMUNICATIONS 123 AT TULSA UNIVERSITY AND THE SYLLABUS FOR THE COURSE. THE SECOND SECTION CONSISTS OF AN INSTRUCTOR'S GUIDE TO FRESHMAN ENGLISH AT COLUMBIA BASIN COLLEGE AND DISCUSSES COMPOSITION, COMMUNICATION, AND BASIC SKILLS COURSES, AS WELL AS PLACEMENT PROCEDURES. THE MAJOR PORTION OF THE DOCUMENT CONSISTS OF A DETAILED DESCRIPTION OF COMMUNICATIONS

1, 2, AND 3 AT WESTERN STATE COLLEGE OF COLORADO. THE NATURE OF COMMUNICATION AND THE PURPOSES OF THE COURSE ARE DISCUSSED, AND TEXTS FOR THE COURSE, TEACHERS GUIDES, TESTS, SHEETS FOR RATING CLASS ACTIVITIES, SUGGESTED READINGS, AND TOPICS FOR CLASS DISCUSSIONS ARE INCLUDED. (BN)

ED 020 944 TE 500 195

NELSON, BONNIE E., COMP.

FRESHMAN ENGLISH AT FOURTEEN TWO-YEAR COLLEGES--JUNIOR COLLEGE OF ALBANY, AMARILLO, BAKERSFIELD, BECKLEY, CALIFORNIA CONCORDIA, CAZENOVIA, GRAND VIEW, HARCUM, LAKEWOOD STATE, MIAMI-DADE, AND COLBY, JEFFERSON, MONROE COUNTY, AND PORTLAND COMMUNITY COLLEGES.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$3.12 76P.

DESCRIPTORS-- *COLLEGE FRESHMEN, *COMPOSITION (LITERARY), *COURSE CONTENT, *ENGLISH INSTRUCTION, *JUNIOR COLLEGES, COMPOSITION SKILLS (LITERARY), ENGLISH, ENGLISH CURRICULUM, ENGLISH PROGRAMS, GRADING, HIGHER EDUCATION, INSTRUCTIONAL INNOVATION, INSTRUCTIONAL MATERIALS, LITERATURE PROGRAMS, REMEDIAL COURSES, STUDENT EVALUATION, TEACHING GUIDES, TEACHING TECHNIQUES, WRITING SKILLS,

FOR A REPORT ON FRESHMAN COMPOSITION PROGRAMS, THE ASSOCIATION OF DEPARTMENTS OF ENGLISH OBTAINED SYLLABI AND COURSE DESCRIPTIONS FROM DIRECTORS OF FRESHMAN COMPOSITION AT 66 COLLEGES AND UNIVERSITIES. AMONG THE DATA ASSEMBELED FOR THE FULL REPORT (AVAILABLE AS TE 500 190) ARE THE DESCRIPTIONS, CONTAINED HERE, OF FRESHMAN ENGLISH PROGRAMS AT 14 TWO-YEAR COLLEGES. ONE-SEMESTER COMPOSITION COURSES AT CAZENOVIA AND GRAND VIEW COLLEGES AND THE TWO-SEMESTER COMPOSTION COURSES AT BECKLEY AND AMARILLO COLLEGES ARE BRIEFLY DESCRIBED. ALSO OUTLINED ARE THE VARIOUS INTRODUCTORY COMPOSITION COURSES GIVEN AT PORTLAND COMMUNITY, MONROE COUNTY COMMUNITY, JEFFERSON COMMUNITY, AND AT JUNIOR COLLEGE OF ALBANY. A MORE DETAILED DESCRIPTION IS GIVEN OF THE FRESHMAN PROGRAM AT MIANI-DADE JUNIOR COLLEGE, WHERE AN EXPERIMENTAL COURSE USING PROGRAMED TEXTS AND A SPECIAL REMEDIAL COURSE USING FILMS AND RECORDS ARE OFFERED. ALSO DESCRIBED IN DETAIL ARE (1) THREE ENGLISH COURSES AT BAKERSFIELD JUNIOR COLLEGE AND THE COUNSELOR'S GUIDES USED IN ASSIGNING STUDENTS TO THESE COURSES, (2) HANDBOOK ON THE TRANSFER AND TERMINAL PROGRAMS AT LAKEWOOD STATE JUNIOR COLLEGE, (3) THE TWO-SEMESTER COMPOSITION COURSE AT CALIFORNIA CONCORDIA, (4) INTRODUCTORY COURSES IN COMPOSITION, LITERATURE, AND CREATIVE WRITING AT COLBY COMMUNITY, AND (5) A SELECTED BIBLIOGRAPHY AND SYLLABUS FOR THE TWO-SEMESTER COMPOSITION COURSE AT HARCUM JUNIOR COLLEGE. (BN)

ED 020 945 TE 500 196

NELSON, BONNIE E., COMP.

FRESHMAN ENGLISH AT THE UNIVERSITY OF KENTUCKY, OHIO STATE UNIVERSITY, PURDUE UNIVERSITY, AND SOUTHERN ILLINOIS UNIVERSITY.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$4.32 106P.

DESCRIPTORS-- *COLLEGE FRESHMEN, *COMPOSITION (LITERARY), *COURSE CONTENT, *ENGLISH INSTRUCTION, *TEACHING GUIDES, CARBONDALE, COLUMBUS, COMPOSITION SKILLS (LITERARY), ENGLISH, ENGLISH CURRICULUM, ENGLISH PROGRAMS, GRADING, HIGHER EDUCATION, INDIANA, INSTRUCTIONAL MATERIALS, LEXINGTON, LITERATURE PROGRAMS, OHIO STATE UNIVERSITY, PURDUE UNIVERSITY, SOUTHERN ILLINOIS UNIVERSITY, STUDENT EVALUATION, STUDENT TESTING, UNIVERSITY OF KENTUCKY, WRITING SKILLS,

FOR A REPORT ON COLLEGE PROGRAMS IN FRESHMAN COMPOSITION, THE ASSOCIATION OF DEPARTMENTS OF ENGLISH OBTAINED SYLLABI AND COURSE DESCRIPTIONS FROM DIRECTORS OF FRESHMAN COMPOSITION AT 66 COLLEGES AND UNIVERSITIES. AMONG THE DATA ASSEMBLED FOR THE FULL REPORT (AVAILABLE AS TE 500 190) ARE THE DESCRIPTIONS OF FRESHMAN ENGLISH PROGRAMS AT FOUR UNIVERSITIES, WHICH ARE CONTAINED IN THIS DOCUMENT. THE FIRST SECTION CONSISTS OF A SYLLABUS FOR A ONE-SEMESTER COMPOSITION COURSE, A BRIEF DISCUSSION OF AN INTRODUCTORY ONE-SEMESTER LITERATURE COURSE, AND OTHER DEPARTMENTAL FORMS AT THE UNIVERSITY OF KENTUCKY. A SYLLABUS FOR A ONE-QUARTER COMPOSITION COURSE AT OHIO STATE UNIVERSITY, AND AN INFORMATION BOOKLET DESCRIBING THREE ONE-SEMESTER COMPOSITION COURSES AT PURDUE UNIVERSITY ARE INCLUDED. A DESCRIPTION IS ALSO GIVEN OF THE FRESHMAN AND SOPHMORE GENERAL STUDIES PROGRAM, INCLUDING SEVEN COURSES STAFFED BY THE ENGLISH DEPARTMENT, AT SOUTHERN ILLINOIS UNIVERSITY, AS WELL AS THE UNIVERSITY'S REPORT ON THE UNDERGRADUATE GRADE POINT AVERAGE AND PERFORMANCE ON THE GRADUATE ENGLISH EXAMINATION. (BN)

ED 020 946 TE 500 197

NELSON, BONNIE E., COMP.

FRESHMAN ENGLISH AT SEVEN COLLEGES--AUGUSTANA COLLEGE, CENTRAL WASHINGTON STATE COLLEGE, CLARKE COLLEGE, STATE COLLEGE AT FRAMINGHAM, HARDING COLLEGE, EMPORIA STATE TEACHERS COLLEGE, AND KING'S COLLEGE.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$1.44 34P.

DESCRIPTORS-- *COLLEGE FRESHMEN, *COMPOSITION (LITERARY), *COURSE CONTENT, *ENGLISH INSTRUCTION, *PROGRAM DEVELOPMENT, COMPOSITION SKILLS (LITERARY), ENGLISH, ENGLISH CURRICULUM, ENGLISH PROGRAMS, HIGHER EDUCATION, INSTRUCTIONAL MATERIALS, LITERATURE PROGRAMS, TEACHING GUIDES, TEACHING TECHNIQUES, WRITING SKILLS,

FOR A REPORT ON COLLEGE PROGRAMS IN FRESHMAN COMPOSITION, THE ASSOCIATION OF DEPARTMENTS OF ENGLISH OBTAINED SYLLABI AND COURSE DESCRIPTIONS FROM DIRECTORS OF FRESHMAN COMPOSITION AT 66 COLLEGES AND UNIVERSITIES. AMONG THE DATA ASSEMBLED FOR THE FULL REPORT (AVAILABLE AS TE 500 190) ARE THE DESCRIPTIONS OF FRESHMAN ENGLISH PROGRAMS AT THE SEVEN COLLEGES, WHICH ARE CONTAINED IN THIS DOCUMENT. THE NEW FRESHMAN ENGLISH COURSE FOCUSING ON THE TOPIC, "THE MEASURE OF MAN," AT AUGUSTANA COLLEGE IS BRIEFLY DESCRIBED. A NEW PROGRAM OFFERING THREE OPTIONS TO ENTERING FRESHMEN AT CLARKE COLLEGE AND A VERTICAL SEQUENCE OF REQUIRED COMPOSITION COURSES SPREAD OVER THREE YEARS AT CENTRAL WASHINGTON STATE COLLEGE ARE DISCUSSED. DESCRIPTIONS OF THE TWO-SEMESTER REQUIRED FRESHMAN COURSES AT STATE COLLEGE AT FRAMINGHAM, HARDING COLLEGE, EMPORIA STATE TEACHERS COLLEGE, AND KING'S COLLEGE ARE ALSO GIVEN. (BN)

ED 020 947 TE 500 198

NELSON, BONNIE E., COMP.

FRESHMAN ENGLISH AT TWELVE UNIVERSITIES--BOB JONES, DUQUESNE, JOHN CARROLL, KANSAS STATE, MARQUETTE, NORTHERN ILLINOIS, WASHINGTON, AND WASHINGTON STATE UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF ALABAMA, DAYTON, MINNESOTA (DULUTH), AND MISSISSIPPI.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$3.32 81P.

DESCRIPTORS-- *COLLEGE FRESHMEN, *COMPOSITION (LITERARY), *COURSE CONTENT, *ENGLISH INSTRUCTION, *TEACHING GUIDES, COMPOSITION SKILLS (LITERARY), ENGLISH, ENGLISH CURRICULUM, ENGLISH PROGRAMS, GRADING, HIGHER EDUCATION, INSTRUCTIONAL MATERIALS, LITERATURE PROGRAMS, TEACHING TECHNIQUES, WRITING SKILLS,

FOR A REPORT ON COLLEGE PROGRAMS IN FRESHMAN COMPOSITION, THE ASSOCIATION OF DEPARTMENTS OF ENGLISH OBTAINED SYLLABI AND COURSE DESCRIPTIONS FROM DIRECTORS OF FRESHMAN COMPOSITION AT 66 COLLEGES AND UNIVERSITIES. AMONG THE DATA ASSEMBLED FOR THE FULL REPORT (AVAILABLE AS TE 500 190) ARE THE DESCRIPTIONS OF FRESHMAN ENGLISH PROGRAMS AT TWELVE UNIVERSITIES, WHICH ARE CONTAINED IN THIS DOCUMENT. THE TWO-SEMESTER LECTURE-TUTORIAL COMPOSITION COURSE AT BOB JONES UNIVERSITY, 10 INTRODUCTORY ONE-SEMESTER COMPOSITION COURSES, INCLUDING HONORS AND REMEDIAL CORSES, AT KANSAS STATE UNIVERSITY, THREE COMPOSITION COURSES AT THE UNIVERSITY OF MINNESOTA, AND THE TWO-SEMESTER LITERATURE COURSE AT MARQUETTE UNIVERSITY ARE BRIEFLY DESCRIBED. MORE DETAILED DESCRIPTIONS ARE GIVEN OF THE ONE- AND TWO-SEMESTER COMPOSITION COURSES AT THE UNIVERSITY OF ALABAMA, DUQUESNE UNIVERSITY, UNIVERSITY OF DAYTON, UNIVERSITY OF MISSISSIPPI, WASHINGTON STATE UNIVERSITY, AND WASHINGTON UNIVERSITY. TWO-SEMESTER COURSES COMBINING COMPOSITION AND LITERATURE AT NORTHERN ILLINOIS UNIVERSITY AND JOHN CARROLL UNIVERSITY ARE ALSO DESCRIBED. (BN)

ED 020 948 TE 500 199

NELSON, BONNIE E., COMP.

FRESHMAN ENGLISH AT EIGHT UNIVERSITIES--SOUTH DAKOTA STATE, SOUTHERN ILLINOIS (EDWARDSVILLE), TUFTS, AND WAKE FOREST UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF NORTH CAROLINA, SANTA CLARA, SOUTH FLORIDA, AND SOUTHERN CALIFORNIA.

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

PUB DATE 68

EDRS PRICE MF-$0.50 HC-$3.96 97P.

DESCRIPTORS-- *COLLEGE FRESHMEN, *COMPOSITION (LITERARY), *COURSE CONTENT, *ENGLISH INSTRUCTION, *TEACHING GUIDES, COMPOSITION SKILLS (LITERARY), CURRICULUM PLANNING, ENGLISH, ENGLISH CURRICULUM, ENGLISH PROGRAMS, HIGHER EDUCATION, INSTRUCTIONAL MATERIALS, LITERATURE PROGRAMS, WRITING SKILLS,

FOR A REPORT ON COLLEGE PROGRAMS IN FRESHMAN COMPOSITION, THE ASSOCIATION OF DEPARTMENTS OF ENGLISH OBTAINED SYLLABI AND COURSE DESCRIPTIONS FROM DIRECTORS OF FRESHMAN COMPOSITION AT 66 COLLEGES AND UNIVERSITIES. AMONG THE DATA ASSEMBLED FOR THE FULL REPORT (AVAILABLE AS TE 500 190) ARE THE DESCRIPTIONS OF FRESHMAN ENGLISH PROGRAMS AT EIGHT UNIVERSITIES, WHICH ARE CONTAINED IN THIS DOCUMENT. THE LARGEST SECTION OF THE DOCUMENT CONSISTS OF A GUIDE TO FRESHMAN ENGLISH AND INFORMATION FOR INSTRUCTORS OF FRESHMAN ENGLISH AT THE UNIVERSITY OF NORTH CAROLINA. STUDENT GUIDES TO THE TWO-SEMESTER COMPOSITION AND LITERATURE COURSE AT THE UNIVERSITY OF SANTA CLARA AND THE ONE-SEMESTER COMPOSITION COURSE AT THE UNIVERSITY OF SOUTHERN CALIFORNIA ARE INCLUDED. BRIEF DESCRIPTIONS ARE ALSO GIVEN FOR (1)

THE TWO-SEMESTER COMPOSITION COURSE AT THE UNIVERSITY OF SOUTHERN FLORIDA, (2) THE TWO-SEMESTER COMPOSITION AND LITERATURE COURSE AT SOUTHERN ILLINOIS UNIVERSITY, (3) THE NEW PROGRAM AT TUFTS UNIVERSITY WHERE EACH TEACHER DESIGNS HIS OWN COURSE, (4) THE THREE INTRODUCTORY ONE-SEMESTER COURSES AT WAKE FOREST, AND (5) THE FACULTY PROPOSAL FOR A REVISION OF FRESHMAN COMPOSITION AT SOUTH DAKOTA STATE UNIVERSITY. (BN)

ED 020 949 UD 000 421

CLARK, KENNETH B.

PREJUDICE AND YOUR CHILD. 2D ED.

PUB DATE 63

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CAUCASIANS, *DISCRIMINATORY ATTITUDES (SOCIAL), *NEGRO YOUTH, *PERSONALITY DEVELOPMENT, *SCHOOL SEGREGATION, BIBLIOGRAPHIES, BROWN V BOARD OF EDUCATION OF TOPEKA, CHILDHOOD ATTITUDES, CHURCH ROLE, INTEGRATION LITIGATION, PARENT ROLE, RACIAL DISCRIMINATION, SCHOOL INTEGRATION, SCHOOL ROLE, SOCIAL ADJUSTMENT, SOCIAL AGENCIES, SUPREME COURT LITIGATION,

THE FIRST SECTION OF THIS BOOK ANALYZES FACTORS WHICH CONTRIBUTE TO WHITE AND NEGRO CHILDREN'S RACIAL ATTITUDES. A SECOND SECTION DISCUSSES HOW PARENTS, SCHOOLS, CHURCHES, AND SOCIAL AGENCIES CAN THWART RACIAL PREJUDICES IN THE CHILD. IN AN APPENDIX ARE DISCUSSION OF THE LEGAL BACKGROUND OF VARIOUS SCHOOL DESEGREGATION CASES, THE ROLE OF THE SOCIAL SCIENCES IN DESEGREGATION, AND THE CONSEQUENCES OF SEGREGATION AND DESEGREGATION. THE MAY 17, 1954 SUPREME COURT SCHOOL DESEGREGATION OPINION IS ALSO APPENDED. THIS DOCUMENT IS PUBLISHED FOR $1.75 BY BEACON PRESS, INC., BOSTON, MASSACHUSETTS. (LB)

ED 020 950 UD 000 736

A STATEMENT OF CONCERN FOR PUBLIC EDUCATION IN PHILADELPHIA, WITH PARTICULAR REFERENCE TO THE SPECIAL NEEDS OF CHILDREN IN UNDERPRIVILEGED, SEGREGATED AREAS.

PHILADELPHIA COMMISSION ON HUMAN RELATIONS, PA.

PUB DATE 17 MAY 60

EDRS PRICE MF-$0.25 HC-$0.80 18P.

DESCRIPTORS— *DEFACTO SEGREGATION, *DISADVANTAGED YOUTH, *RACIAL SEGREGATION, *URBAN SCHOOLS, CAUCASIANS, COMMUNITY ATTITUDES, COMPENSATORY EDUCATION, COUNSELING PROGRAMS, CULTURAL DISADVANTAGEMENT, EDUCATIONAL QUALITY, FACULTY INTEGRATION, GUIDANCE PROGRAMS, INTERGROUP RELATIONS, NEGRO ACHIEVEMENT, NEGRO STUDENTS, PENNSYLVANIA, PHILADELPHIA, RACIAL BALANCE, RESEARCH NEEDS,

THIS 1960 STATEMENT OF THE COMMISSION ON HUMAN RELATIONS DESCRIBES THE PROBLEM OF DE FACTO SEGREGATION IN PHILADELPHIA. THE EXTENT OF SCHOOL AND FACULTY SEGREGATION IS INDICATED, AND THE REASONS FOR ITS EXISTENCE ARE DISCUSSED. IT IS FELT THAT THE CULTURAL DEFICIT WHICH RESULTS FROM RACIAL DISCRIMINATION AND SEGREGATION REQUIRES COMPENSATORY EFFORTS BY THE SCHOOLS. INTENSIVE GUIDANCE AND COUNSELING PROGRAMS ARE NEEDED TO DEVELOP THE VOCATIONAL, ACADEMIC, AND PERSONAL POTENTIAL OF NEGRO CHILDREN. AND TO FOSTER WHOLESOME INTERGROUP RELATIONS. COUNSELING BUDGETS SHOULD BE INCREASED AND INTERGROUP RELATIONS PROGRAMS MADE MANDATORY. THE LACK OF CONFIDENCE IN THE SCHOOLS BY BOTH THE NEGRO COMMUNITY AND THE WHITES WHO FLEE THE CITY IS A SERIOUS PROBLEM WHICH NEEDS ATTENTION. PHILADELPHIA SHOULD OFFER QUALITY EDUCATION IN EVERY SCHOOL AND SHOULD ACHIEVE A BETTER RACIAL BALANCE OF TEACHERS IN BOTH THE CITY AND THE SUBURBS. ALSO NEEDED ARE RESEARCH TO ASCERTAIN THE RELATIONSHIP BETWEEN DE FACTO SEGREGATION AND LOWER EDUCATIONAL STANDARDS AND STEPS TO IMPROVE EDUCATION IN SEGREGATED SCHOOLS. (NH)

ED 020 951 UD 000 771

FOR EVERY CHILD, THE STORY OF INTEGRATION IN THE PHILADELPHIA PUBLIC SCHOOLS.

PHILADELPHIA PUBLIC SCHOOLS, PA.

PUB DATE OCT 60

EDRS PRICE MF-$0.25 HC-$0.80 18P.

DESCRIPTORS— *BOARD OF EDUCATION POLICY, *PUBLIC SCHOOL SYSTEMS, *RACIAL BALANCE, *URBAN SCHOOLS, HUMAN RELATIONS PROGRAMS, INSERVICE TEACHER EDUCATION, PENNSYLVANIA, PHILADELPHIA, RACIAL DISTRIBUTION, SCHOOL BUILDINGS, SCHOOL COMMUNITY PROGRAMS, SCHOOL DEMOGRAPHY, SCHOOL INTEGRATION, SCHOOL PERSONNEL, SPECIAL SERVICES, TABLES (DATA), TEACHER PLACEMENT,

THE PHILADELPHIA BOARD OF PUBLIC EDUCATION REPORTS ON THE STATUS OF RACIAL BALANCE IN THE PUBLIC SCHOOLS AS WELL AS ON THE SCHOOL SYSTEM'S PROGRESS TOWARD INTEGRATION. THE EDUCATIONAL PROGRAM FOR ALL THE SCHOOLS, EMPLOYEE ASSIGNMENT POLICIES, AND SCHOOL SUPPLIES AND BUILDING CONDITIONS ARE DISCUSSED. ORGANIZED HUMAN RELATIONS EMPHASES WERE INTRODUCED INTO THE SCHOOL CURRICULUM IN 1943, AND SUBSEQUENTLY INSERVICE AND SCHOOL-COMMUNITY PROGRAMS IN INTERGROUP RELATIONS WERE INITIATED. SPECIAL PROGRAMS AND SERVICES AND VARIOUS COMMITTEES HAVE FURTHERED THE HUMAN RELATIONS PROGRAMS. (NH)

ED 020 952 UD 001 328

LISONBEE, LORENZO

TEACHING SCIENCE TO THE DISADVANTAGED PUPIL.

PUB DATE OCT 63

EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *BIOLOGY, *DISADVANTAGED YOUTH, *SCIENCE INSTRUCTION, BIOLOGICAL SCIENCES CURRICULUM STUDY, DISCOVERY LEARNING, EDUCATIONAL QUALITY, HIGH SCHOOL STUDENTS, SCIENCE COURSE IMPROVEMENT PROJECT, SCIENCE CURRICULUM, SCIENCE FACILITIES, SCIENTIFIC CONCEPTS, SOCIOECONOMIC BACKGROUND, TEACHER ATTITUDES, URBAN SCHOOLS,

SCIENCE PROGRAMS FOR THE DISADVANTAGED HIGH SCHOOL STUDENT ARE FREQUENTLY DEFICIENT IN CONTENT, IN FACILITIES AND MATERIALS, AND IN PROPER INSTRUCTION AND TEACHER ATTITUDES. RATHER THAN A REVIEW OF HEALTH, NUTRITION, AND DISEASE, PROGRAMS FOR THE DISADVANTAGED SHOULD TEACH FUNDAMENTAL SCIENTIFIC CONCEPTS BY USING A DISCOVERY APPROACH AND LABORATORY TECHNIQUES. IN 1963, THE BIOLOGICAL SCIENCES CURRICULUM STUDY DEVELOPED THREE EXPERIMENTAL UNITS (GENETICS, ECOLOGY, AND CELLULAR BIOLOGY) FOR TEACHING BIOLOGY TO THE LOWER 30 PERCENT OF STUDENTS IN ACADEMIC CLASSES. THESE UNITS WERE TO BE TESTED ON 1,000 STUDENTS DURING THE 1963-64 SCHOOL YEAR, AND THE PROGRAM WAS SCHEDULED FOR COMPLETION BY 1964. THIS ARTICLE WAS PUBLISHED IN "THE SCIENCE TEACHER," VOLUME 30, NUMBER 6, OCTOBER 1963. (NH)

ED 020 953 UD 001 467

KARDINER, ABRAM OVESEY, LIONEL

THE MARK OF OPPRESSION, EXPLORATIONS IN THE PERSONALITY OF THE AMERICAN NEGRO.

PUB DATE 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ADJUSTMENT (TO ENVIRONMENT), *EMOTIONAL MALADJUSTMENT, *NEGROES, *PERSONALITY STUDIES, CAUCASIANS, DATA, ENVIRONMENTAL INFLUENCES, FEMALES, LOWER CLASS, MALES, MIDDLE CLASS, PERSONALITY DEVELOPMENT, PERSONALITY TESTS, RORSCHACH TEST, SOCIAL ENVIRONMENT, UPPER CLASS,

THIS BOOK IS A PSYCHODYNAMIC ANALYSIS OF THE ADAPTION OF NEGROES TO AMERICAN SOCIETY AND ITS EFFECT ON THE NEGRO PERSONALITY. A LARGE PART OF THE BOOK IS MADE UP OF SUMMARIES OF PERSONALITY STUDIES OF 25 URBAN NEGROES OF DIFFERENT SEX, AGE, AND STATUS. TWELVE OF THE 25 NEGROES WERE UNDERGOING PSYCHOTHERAPY. A DISCUSSION OF THE WHITE MAN'S SOCIAL ENVIRONMENT PROVIDES A BACKGROUND FOR THIS STUDY OF NEGRO ADAPTATION. EXPERIMENTAL DATA FROM THE RORSCHACH TEST RESPONSES OF 24 OF THE SUBJECTS ARE TABULATED AND INTERPRETED. THIS DOCUMENT IS AVAILABLE FOR $2.95 FROM THE WORLD PUBLISHING COMPANY, 2231 WEST 110TH STREET, CLEVELAND, OHIO 44102. (LB)

ED 020 954 UD 001 534

LIEBERSON, STANLEY

ETHNIC PATTERNS IN AMERICAN CITIES.

PUB DATE 63

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ETHNIC GROUPS, *IMMIGRANTS, *RESIDENTIAL PATTERNS, *URBAN AREAS, ACCULTURATION, BOSTON, BUFFALO, CENSUS FIGURES, CHICAGO, CINCINNATI, CITIZENSHIP, CLEVELAND, COLUMBUS, ETHNIC DISTRIBUTION, HOUSING, INTERGROUP RELATIONS, INTERMARRIAGE, LANGUAGE FLUENCY, NEGROES, NEIGHBORHOOD INTEGRATION, OCCUPATIONAL MOBILITY, PHILADELPHIA, PITTSBURGH, RESEARCH METHODOLOGY, SAINT LOUIS, SOCIAL MOBILITY, SOCIOCULTURAL PATTERNS, SOCIOECONOMIC STATUS, STATISTICAL ANALYSIS, STATISTICAL DATA, SYRACUSE,

THIS BOOK IS AN ANALYSIS OF THE ASSIMILATION AND RESIDENTIAL SEGREGATION PATTERNS OF TEN EUROPEAN IMMIGRANT GROUPS (FIRST AND SECOND GENERATION) IN TEN MAJOR AMERICAN CITIES FROM 1910 TO 1950. DATA WERE GATHERED FROM THE DECENNIAL UNITED STATES CENSUSES. IN EACH CITY GROUPS WERE SELECTED ON THE BASIS OF THEIR RELATIVE NUMERICAL IMPORTANCE THEREIN. THE STUDY CONSIDERS SUCH FACTORS AS THE RELATIONSHIP BETWEEN SEGREGATED RESIDENTIAL PATTERNS AND THE IMMIGRANTS' ABILITY TO SPEAK ENGLISH, SOCIOECONOMIC STATUS, LENGTH OF RESIDENCE, HOUSING, INTERMARRIAGE, MOTIVATION TO ACQUIRE CITIZENSHIP, AND OCCUPATIONAL STATUS AND MOBILITY. THE RESIDENTIAL ISOLATION OF NEGROES FROM WHITE IMMIGRANT GROUPS IS BRIEFLY EXAMINED. INDEXES OF DISSIMILARITY WERE USED TO DETERMINE THE DEGREE OF A GROUP'S RESIDENTIAL SEGREGATION FROM OTHER IMMIGRANT GROUPS AND NATIVE WHITES IN A CITY. EXTENSIVE STATISTICAL DATA ARE INCLUDED. THIS DOCUMENT IS PUBLISHED AT $5.50 BY THE FREE PRESS, 866 THIRD AVENUE, NEW YORK, NEW YORK 10022. (LB)

ED 020 955 UD 001 603

PLAUT, RICHARD L.

BLUEPRINT FOR TALENT SEARCHING, AMERICA'S HIDDEN MANPOWER.

NATIONAL SCHOLARSHIP SER. AND FUND FOR NEGRO STUD.

PUB DATE 57

EDRS PRICE MF-$0.25 HC-$2.04 49P.

DESCRIPTORS— *COLLEGE PLACEMENT, *DISADVANTAGED YOUTH, *NEGRO STUDENTS, *SCHOLARSHIP FUNDS, *TALENT IDENTIFICATION, COLLEGE INTEGRATION, COMMUNITY INVOLVEMENT, COMMUNITY ORGANIZATIONS, COUNSELING INSTRUCTIONAL PROGRAMS, DATA, DEMONSTRATION GUIDANCE PROJECT, DEMONSTRATION PROJECTS, EDUCATIONAL FINANCE, FOLLOWUP STUDIES, JUNIOR HIGH SCHOOLS, NEW YORK CITY, NSSFNS, SOUTHERN PROJECT, SOUTHERN STATES,

THIS PUBLICATION DISCUSSES APPROACHES TO THE SEARCH FOR ACADEMIC POTENTIAL AMONG DISADVANTAGED SECONDARY SCHOOL STUDENTS, PARTICULARLY THE EFFORTS OF THE NATIONAL SCHOLARSHIP SERVICE AND FUND FOR NEGRO STUDENTS (NSSFNS) TO MOTIVATE AND FINANCIALLY AID DISADVANTAGED STUDENTS TO ATTEND INTERRACIAL COLLEGES. BETWEEN 1952 AND 1954, THE NSSFNS SOUTHERN PROJECT HELPED 523 SOUTHERN NEGRO STUDENTS TO BE ACCEPTED AT A TOTAL OF 138 INTERGRATED COLLEGES. ALSO DESCRIBED ARE THE STEPS WHICH LOCAL COMMUNITIES MIGHT TAKE TO SEEK AND ENCOURAGE ACADEMIC POTENTIAL AMONG THE DISADVANTAGED. EFFORTS MADE IN THIS DIRECTION BY A COORDINATING COMMITTEE OF NEW YORK CITY EDUCATIONAL, AND SOCIAL ACTION, AND SOCIAL WELFARE ORGANIZATIONS ARE NOTED. THE PROCEDURES AND OBJECTIVES OF THE DEMONSTRATION GUIDANCE PROJECT IN NEW YORK CITY, A 6-YEAR TALENT SEARCH BEGINNING IN JUNIOR HIGH SCHOOL AND CONTINUING THROUGH HIGH SCHOOL, ARE ALSO OUTLINED. THIS DOCUMENT IS ALSO AVAILABLE FOR 50 CENTS FOR 1 TO 9 COPIES, 35 CENTS FOR 10-49 COPIES, AND 25 CENTS FOR 50 OR MORE, FROM THE NATIONAL SCHOLARSHIP SERVICE AND FUND FOR NEGRO STUDENTS, 6 EAST 82ND ST., NEW YORK, NEW YORK 10028. (LB)

ED 020 956 UD 001 610

KOVAL, MARY VOGEL, ANITA S.

YOUTH IN NEW YORK CITY--OUT-OF-SCHOOL AND OUT-OF-WORK. A STUDY OF EMPLOYMENT AND EDUCATION OF TEENAGERS AND YOUNG ADULTS. REPORT.

NEW YORK CITY YOUTH BOARD, N.Y.

PUB DATE DEC 63

EDRS PRICE MF-$0.25 HC-$1.84 44P.

DESCRIPTORS— *OUT OF SCHOOL YOUTH, *STATISTICAL DATA, *UNEMPLOYED, CAUCASIANS, COMPARATIVE ANALYSIS, DROPOUTS, EMPLOYMENT OPPORTUNITIES, EMPLOYMENT POTENTIAL, HIGH SCHOOL GRADUATES, LABOR MARKET, NEGRO YOUTH, NEW YORK CITY, OCCUPATIONS, PUERTO RICANS, RACIAL DISCRIMINATION, TABLES (DATA), YOUTH EMPLOYMENT,

PRESENTED AGAINST THE BACKGROUND OF THE CHARACTERISTICS OF THE NEW YORK CITY LABOR MARKET ARE FACTS ABOUT THE NUMBER OF YOUTHS IN THE 16- TO 24-YEAR-OLD AGE GROUP WHO ARE UNEMPLOYED AND NOT IN SCHOOL AND ABOUT THE SCHOOL ATTAINMENT OF NEW YORK CITY YOUTH. A COMPARISON OF THE SCHOOL ATTAINMENT AND EMPLOYMENT STATUS OF WHITE AND NONWHITE YOUTH IS ALSO PROVIDED, AND PROJECTIONS ARE MADE ABOUT EMPLOYMENT IN THE FUTURE. IT WAS FOUND THAT AT LEAST 72,200 OUT-OF-SCHOOL YOUTHS HAVE JOB PROBLEMS. TEENAGERS AND SCHOOL DROPOUTS ARE MOST HEAVILY HIT BY UNEMPLOYMENT, ESPECIALLY NEGROES AND PUERTO RICANS. ALMOST HALF THE CITY'S YOUTH ENTERS THE JOB MARKET WITHOUT A HIGH SCHOOL DIPLOMA. NONWHITES SHOW A POORER RECORD THAN WHITES IN EDUCATIONAL ATTAINMENT, EMPLOYMENT RATES, AND JOB LEVELS. A RISING YOUTH POPULATION AND A DECREASING LABOR MARKET FOR THE UNSKILLED AND UNDEREDUCATED POINTS TO FUTURE AGGRAVATION OF THIS PROBLEM. THIS DOCUMENT IS ALSO AVAILABLE FOR $1.00 FROM THE NEW YORK CITY YOUTH BOARD, 79 MADISON AVENUE, NEW YORK, N.Y. 10016. (AF)

ED 020 957 UD 001 771

SAMPLE UPWARD BOUND PROGRAMS.

INSTITUTE FOR SERVICES TO EDUC., WASHINGTON, D.C.

EDRS PRICE MF-$0.25 HC-$0.96 22P.

DESCRIPTORS— *ACADEMIC ASPIRATION, *COLLEGE PREPARATION, *DISADVANTAGED YOUTH, *HIGH SCHOOL STUDENTS, *STUDENT MOTIVATION, EDUCATIONAL PROGRAMS, ENRICHMENT PROGRAMS, FEDERAL PROGRAMS, OFFICE OF ECONOMIC OPPORTUNITY, PROGRAM DESCRIPTIONS, RURAL YOUTH, SUMMER PROGRAMS, UPWARD BOUND, URBAN YOUTH,

OPERATIONAL FEATURES OF SUCCESSFUL 1965 UPWARD BOUND PROGRAMS ARE BRIEFLY SUMMARIZED. THE GOAL OF THE UPWARD BOUND PROGRAMS, WHICH ARE UNIVERSITY-BASED AND ARE CONDUCTED DURING THE SUMMER AND THROUGHOUT THE ACADEMIC YEAR, IS TO PREPARE NORMALLY INTELLIGENT DISADVANTAGED HIGH SCHOOL STUDENTS FOR ADMISSION TO AND SUCCESS IN COLLEGE. THE PROGRAMS ATTEMPT TO STIMULATE INTEREST AND MOTIVATION THROUGH THE HELP OF QUALIFIED STAFF AND BY OFFERING PROGRAMS ADAPTED TO THE STUDENTS' PARTICULAR LEARNING NEEDS. GUIDELINES AND DETAILS OF TWO HYPOTHETICAL PROGRAMS, ONE URBAN AND ONE RURAL, ARE PRESENTED. (NC)

ED 020 958 UD 002 700

SIMON, ARTHUR R.

FACES OF POVERTY.

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ECONOMICALLY DISADVANTAGED, *HOUSING, *UNEMPLOYMENT, *URBAN AREAS, CASE RECORDS, CHURCH RESPONSIBILITY, ECONOMIC DISADVANTAGEMENT, EMPLOYMENT, NEGROES, NEW YORK CITY, OLDER ADULTS, POLITICAL POWER, POVERTY PROGRAMS, SELF HELP PROGRAMS, URBAN RENEWAL,

IN THIS BOOK INDIVIDUAL HISTORIES OF THE POOR LIVING IN THE LOWER EAST SIDE OF NEW YORK CITY ARE PRESENTED AS A VEHICLE FOR DESCRIBING POVERTY AND EXPLORING ITS MYTHS, AND FOR SUGGESTING A CONCRETE ECONOMIC APPROACH TO HELP THE POOR TO HELP THEMSELVES. THE BOOK SPECIFICALLY RECOMMENDS THAT NECESSARY JOBS BE CREATED BY EMPLOYING THE UNEMPLOYED POOR TO BUILD NEW HOUSING PROJECTS. IN ONE CHAPTER, REPRINTED FROM THE APRIL 1966 "ATLANTIC MONTHLY," THE POLITICAL ISOLATION OF THE POOR IS UNDERSCORED IN A DESCRIPTION OF AN URBAN RENEWAL BATTLE IN THIS NEIGHBORHOOD. THIS BOOK IS PUBLISHED FOR $3.75 BY CONCORDIA PUBLISHING HOUSE, ST. LOUIS, MISSOURI. (JL)

ED 020 959 UD 005 200

SHEDD, MARK R.

DECENTRALIZATION AND URBAN SCHOOLS.

PUB DATE OCT 67

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *BUREAUCRACY, *DECENTRALIZATION, *EDUCATIONAL CHANGE, *PUBLIC SCHOOL SYSTEMS, *URBAN SCHOOLS, BUDGETING, COMMUNITY RESOURCES, CONFORMITY, EDUCATIONAL IMPROVEMENT, EDUCATIONAL RESPONSIBILITY, INTERDISTRICT POLICIES, SCHOOL COMMUNITY RELATIONSHIP, SUBURBAN SCHOOLS, TEACHER PROMOTION,

EDUCATIONAL FLAWS ARE MAGNIFIED IN BIG CITY SCHOOL SYSTEMS BECAUSE (1) THE SIZE OF URBAN SYSTEMS CREATES BUREAUCRACIES WHICH CAUSE A PHILOSOPHICAL AND PROCEDURAL RIGIDITY, AND (2) URBAN SYSTEM PUPILS ARE UNABLE OR UNWILLING TO CONFORM TO EDUCATORS' COMPLACENT NOTIONS OF WHAT CHILDREN AND SCHOOLS SHOULD BE. PROGRAMS AIMED AT THE CULTURALLY DISADVANTAGED FAIL BECAUSE THEY ARE TACKED ON TO A DYSFUNCTIONAL EDUCATIONAL SYSTEM. DECENTRALIZATION WITH A CONCOMITANT CLIMATE FOR CHANGE IS NEEDED. ASIDE FROM AN INCREASED RESPONSIVENESS AND EMPHASIS ON INDIVIDUAL AND COMMUNITY NEEDS, THIS CLIMATE WOULD CHANGE TEACHING CAREER PATTERNS AND REWARD SYSTEMS AND MAKE GREATER USE OF COMMUNITY RESOURCES. DECENTRALIZATION MAY BE A WAY TO TRANSFORM BOTH THE EDUCATIONAL SYSTEM AND THE PROCESSES OF EDUCATION WHICH IT DETERMINES. THIS ARTICLE WAS PUBLISHED IN "EDUCATIONAL LEADERSHIP," VOLUME 25, NUMBER 1, OCTOBER 1967. (AF)

ED 020 960 UD 005 201

MELTZER, JACK

IMPACT OF SOCIAL CLASS.

PUB DATE OCT 67

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *ACADEMIC ACHIEVEMENT, *EDUCATIONAL CHANGE, *SCHOOL COMMUNITY RELATIONSHIP, *SOCIAL OPPORTUNITIES, *STUDENT MOTIVATION, DISADVANTAGED YOUTH, EMPLOYMENT OPPORTUNITIES, HOUSING, NEIGHBORHOOD SCHOOLS, PARENT PARTICIPATION, PROJECT HEAD START, REMEDIAL PROGRAMS,

IN BRINGING ABOUT EDUCATIONAL CHANGE, EDUCATORS MUST CONSIDER SUCH FACTORS AS MOTIVATION, PARENTAL ATTITUDES, HOME CIRCUMSTANCES, AND JOB INCENTIVES, WHICH IMPORTANTLY INFLUENCE AN INDIVIDUAL'S ACADEMIC ACHIEVEMENT. DISCRIMINATION AND CYNICISM IN AN INCREASINGLY AFFLUENT SOCIETY AND WITHIN THE EDUCATIONAL SYSTEM HAVE UNDERMINED THE POSITIVE DEVELOPMENT OF THESE FACTORS AMONG THE DISADVANTAGED. DISADVANTAGED PUPILS MIGHT LEARN MORE EFFECTIVELY IF THE POSITIVE ASPECTS IN THEIR BACKGROUND WERE STRESSED, AND IF THE WIDE GAP BETWEEN SCHOOL AND COMMUNITY WERE NARROWED. MULTICULTURAL TEXTBOOKS, INCREASED PARENTAL INVOLVEMENT IN THE SCHOOL AND IN THE EDUCATIONAL PROCESS, AND NEIGHBORHOOD SCHOOLS WHICH FUNCTION AS IMPORTANT COMMUNITY INSTITUTIONS ARE AMONG THE MEASURES WHICH MIGHT BE EFFECTED. ALSO, THERE IS EVIDENCE THAT DISADVANTAGED CHILDREN MIGHT ACHIEVE BETTER IN MULTISOCIAL CLASS SETTINGS. FINALLY, JOB AND HOUSING OPPORTUNITIES MUST BE COMMENSURATE WITH AN INDIVIDUAL'S LEVEL OF EDUCATIONAL ACHIEVEMENT IF EDUCATION IS TO BE RESPECTED BY DISADVANTAGED GROUPS. THIS ARTICLE WAS PUBLISHED IN "EDUCATIONAL LEADERSHIP," VOLUME 25, NUMBER 1, OCTOBER 1967. (AF)

ED 020 961 UD 005 202

GALLOWAY, CHARLES

PROMISES AND PUZZLES, THE PLIGHT OF THE INNER-CITY.

PUB DATE OCT 67

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *EDUCATIONAL OBJECTIVES, *EFFECTIVE TEACHING, *INNER CITY, *SCHOOL ROLE, *TEACHER ATTITUDES, DISADVANTAGED YOUTH, ECONOMIC PROGRESS, POLITICAL INFLUENCES, SELF CONCEPT, SOCIAL CHANGE, TEACHER EDUCATION,

EMPHASIS ON THE PROBLEMS OF TEACHING CULTURALLY DISADVANTAGED PUPILS HAS ONLY MADE THE TASK OF THE INNER-CITY TEACHER MORE DIFFICULT, AND HAS CREATED CONFUSION IN THE SCHOOLS REGARDING THE MEANS AND ENDS OF EDUCATION. NEGATIVE IDENTIFICATION OF THE SCHOOL AS THE PRIMARY VEHICLE FOR OVERCOMING CULTURAL GAPS AND WEAKNESSES MAY BE PARTIALLY DUE TO THE IRRESPONSIBILITY OF POLITICAL PRESSURE GROUPS AND OTHER SOCIAL ORGANIZATIONS. FOCUS ON THE POSITIVE ASSETS THAT BOTH TEACHERS AND PUPILS BRING TO INNER-CITY SCHOOLS IS ESSENTIAL FOR EDUCATIONAL SUCCESS. THIS ARTICLE WAS PUBLISHED IN "EDUCATIONAL LEADERSHIP," VOLUME 25, NUMBER 1, OCTOBER 1967. (AF)

ED 020 962 UD 005 203

BROADHEAD, CLARE A.

GHETTO SCHOOLS, AN AMERICAN TRAGEDY.

PUB DATE OCT 67

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *EDUCATIONAL QUALITY, *RACISM, *SCHOOL SEGREGATION, *STUDENT ATTITUDES, *TEACHER ATTITUDES, DEMON-

STRATIONS (CIVIL), EDUCATIONAL EQUALITY, GHETTOS, NEGRO STUDENTS, SCHOOL INTEGRATION, SLUM SCHOOLS, SOCIAL CHANGE,

IN THIS ARTICLE THE ATTITUDES OF TEACHERS AND STUDENTS TOWARD THEIR EXPERIENCES IN GHETTO SCHOOLS ARE SET FORTH, AND THE EFFECTS OF PUBLIC SCHOOL SEGREGATION ARE CATALOGED. THE RACISM IN AMERICAN SOCIETY AND THE EFFECTS OF SUMMER RIOTS ON EDUCATION ARE ALSO BRIEFLY DISCUSSED. THIS ARTICLE WAS PUBLISHED IN "EDUCATIONAL LEADERSHIP," VOLUME 25, NUMBER 1, OCTOBER 1967. (AF)

ED 020 963 **UD 005 204**

RAVITZ, MEL

CITIES ARE CHANGING.

PUB DATE OCT 67

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *CITY DEMOGRAPHY, *CITY PROBLEMS, *PUBLIC SCHOOLS, *SOCIAL CHANGE, CULTURAL DIFFERENCES, DETROIT, EDUCATIONAL FINANCE, EDUCATIONAL IMPROVEMENT, INNER CITY, INTERDISTRICT POLICIES, LOW INCOME GROUPS, METROPOLITAN AREAS, MICHIGAN, POPULATION TRENDS, SCHOOL DISTRICTS, URBAN RENEWAL,

THE EFFECT OF PHYSICAL AND SOCIAL CHANGES IN LARGE CITIES ARE DISCUSSED. POPULATION GROWTH IN THE LAST FEW YEARS HAS OCCURRED PRIMARILY IN THE SUBURBS. URBAN RENEWAL HAS REALIGNED AND RELOCATED THE RACES AND THE SOCIAL CLASSES, AND FREEWAY CONSTRUCTION HAS CREATED INTERURBAN STRIPS. CASUALTIES OF THESE CHANGES ARE CROWDING THE MIDDLE NEIGHBORHOODS OF THE CITY, WHERE NEW SLUMS ARE DEVELOPING. AS A RESULT, THE PUBLIC SCHOOLS ARE EXPERIENCING PROBLEMS OF FINANCING, DISTRICTING, AND CULTURE CLASH. BECAUSE SCHOOLS CAN NO LONGER RELY ON REVENUES FROM A SHRINKING PROPERTY TAX BASE, INCREASED FEDERAL ASSISTANCE AND/OR STATE INCOME TAXES WILL BE NECESSARY. INTERDISTRICT COMPETITION SHOULD BE ERADICATED, AND MORE THAN COMPENSATORY EDUCATION IS NEEDED TO MINIMIZE THE CULTURE CLASH. (ALTHOUGH THE ARTICLE APPLIES TO LARGE U.S. CITIES IN GENERAL, EXAMPLES ARE DRAWN FROM CONDITIONS IN DETROIT.) THIS ARTICLE WAS PUBLISHED IN "EDUCATIONAL LEADERSHIP," VOLUME 25, NUMBER 1, OCTOBER 1967. (AF)

ED 020 964 **UD 005 205**

WARREN, MORRISON F.

HOW PARENTS VIEW URBAN EDUCATION.

PUB DATE OCT 67

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *CIVIL RIGHTS, *EDUCATIONAL EXPERIENCE, *NEGROES, *PARENT ATTITUDES, *RACIAL DISCRIMINATION, DISADVANTAGED ENVIRONMENT COGNITIVE DEVELOPMENT, EQUAL OPPORTUNITIES (JOBS), INNER CITY, NEGRO LEADERSHIP, NEGRO STUDENTS, RACIAL ATTITUDES, SOCIAL OPPORTUNITIES,

THIS ARTICLE DISCUSSES INNER-CITY EDUCATION IN THE CONTEXT OF CIVIL RIGHTS, NEGRO OPPORTUNITY, AND NEGRO CITIZENSHIP. IT IS SUGGESTED THAT NEGROES ARE NOT AFFORDED AN EQUAL OPPORTUNITY IN AN OPEN SOCIETY, AND THAT AS A RESULT THE NEGRO'S EDUCATIONAL AND ECONOMIC ACHIEVEMENTS ARE THWARTED. EFFECTS OF VARIOUS KINDS OF DEPRIVATION UPON THE DEVELOPMENT OF THE NEGRO CHILD ARE DISCUSSED. ALSO NOTED ARE SOME OF THE EDUCATIONAL ACTIVITIES INITIATED BY NEGRO COMMUNITY LEADERS AND THE ATTITUDES OF SEVERAL INNER-CITY PARENTS TOWARDS INNER-CITY SCHOOLS. THIS ARTICLE WAS PUBLISHED IN "EDUCATIONAL LEADERSHIP," VOLUME 25, NUMBER 1, OCTOBER 1967. (AF)

ED 020 965 **UD 005 350**

WEINBERG, MEYER

ISSUES IN AMERICAN EDUCATION.

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS— *ACADEMIC FREEDOM, *EDUCATIONAL EQUALITY, *EDUCATIONAL QUALITY, *PROFESSIONAL ASSOCIATIONS *SCHOOL INTEGRATION, COMPENSATORY EDUCATION, CULTURAL ISOLATION, EDUCATIONAL OPPORTUNITIES, INTEGRATION EFFECTS, NEGRO STUDENTS, POLITICAL ISSUES, TEACHER ATTITUDES,

THIS ARTICLE DISCUSSES THREE PROMINENT ISSUES OF CONTEMPORARY AMERICAN EDUCATION--UNEQUAL LEARNING OPPORTUNITIES, ACADEMIC FREEDOM, AND THE TEACHER AS A PROFESSIONAL WORKER. THE FIRST OF THESE ISSUES IS EXAMINED UNDER THE RUBRICS OF (1) THE GOALS OF INTEGRATION, (2) THE SEPARATION OF EDUCATION FROM INTEGRATION, (3) COMPENSATORY EDUCATION, (4) QUALITY EDUCATION AND "WHITENESS," (5) STATISTICAL INTEGRATION AND CULTURAL ISOLATION, (6) PATERNALISTIC AND PATRONIZING ATTITUDES, AND (7) POLITICS AND SCHOOL REFORM. IN A FINAL SECTION DEALING SPECIFICALLY WITH ACADEMIC FREEDOM AND THE TEACHING PROFESSIONAL, AN ATTEMPT IS MADE TO RELATE THESE ISSUES. THIS DOCUMENT IS CHAPTER 6 OF AHMANN, MATHEW, AND ROACH, MARGARET, EDS., "THE CHURCH AND THE URBAN RACIAL CRISIS," PUBLISHED FOR $2.95 BY DIVINE WORD PUBLICATIONS, TECHNY, ILLINOIS. (MM)

ED 020 966 **UD 005 354**

LEESON, JIM

DESEGREGATION, A NEW APPROACH, A NEW DEADLINE.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *CIVIL RIGHTS LEGISLATION, *FEDERAL AID, *INTEGRATION LITIGATION, *SCHOOL INTEGRATION, *SOUTHERN SCHOOLS, CIVIL RIGHTS ACT OF 1964 TITLE 4, DEPARTMENT OF HEW, EDUCATIONAL POLICY, EQUAL EDUCATION, FREE CHOICE TRANSFER PROGRAMS, GUIDELINES, INTEGRATION METHODS, NEGRO STUDENTS, OFFICE FOR CIVIL RIGHTS,

THIS ARTICLE DESCRIBES THE POLICY OF THE U.S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE FOR ENFORCING SCHOOL DESEGREGATION GUIDELINES. THE NEW GOAL SET BY THE U.S. OFFICE OF EDUCATION'S COMPLIANCE SECTION, THE OFFICE OF CIVIL RIGHTS, IS TO END THE DUAL SCHOOL SYSTEM IN THE SOUTH BY 1969. MANY CIVIL RIGHTS WORKERS CONTEND THAT THE NEW DEADLINE IS A DELAYING TACTIC BY THE GOVERNMENT AND THAT THE NEGRO COMMUNITY IS RAPIDLY BECOMING DISENCHANTED WITH THE GOVERNMENT'S DESEGREGATION EFFORTS. IN CONTRAST, FEDERAL SPOKESMEN FEEL THAT "REMARKABLE PROGRESS" TOWARD DESEGREGATION HAS BEEN MADE AND THAT SOUTHERN SCHOOLMEN HAVE SHIFTED FROM DEFIANCE TO COMPLIANCE. THE ARTICLE ALSO DISCUSSES THE OFFICE OF EDUCATION'S NEW REGULATIONS FOR THE TERMINATION OF FUNDS FROM SCHOOL DISTRICTS WHICH DO NOT COMPLY WITH THE GUIDELINES. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 6, JANUARY-FEBRUARY 1968. (DK)

ED 020 967 **UD 005 355**

SINCLAIR, WARD

SHOES DON'T MATTER WHEN A BRIGHT KID IS UPWARD BOUND.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *COLLEGE PREPARATION, *DISADVANTAGED YOUTH, *ENRICHMENT PROGRAMS, *HIGH SCHOOL STUDENTS, *STUDENT MOTIVATION, ACADEMIC ABILITY, BELLARMINE COLLEGE, CHANGING ATTITUDES, COMPENSATORY EDUCATION PROGRAMS, EDUCATIONAL INNOVATION, FEDERAL PROGRAMS, HIGHER EDUCATION, KENTUCKY, STUDENT ATTITUDES, UNIVERSITY OF LOUISVILLE, UPWARD BOUND,

THIS ARTICLE DESCRIBES THE ACTIVITIES OF UPWARD BOUND PROJECTS AT BELLARMINE COLLEGE IN LOUISVILLE, KENTUCKY, AND AT THE UNIVERSITY OF LOUISVILLE. UPWARD BOUND IS A NATIONWIDE, FEDERALLY-SPONSORED PROJECT TO ENCOURAGE DISADVANTAGED HIGH SCHOOL YOUTHS TO CONTINUE THEIR EDUCATION. DURING A SUMMER PHASE THE PROJECTS IN LOUISVILLE PROVIDED SMALLER CLASSES, INDIVIDUALIZED INSTRUCTION, AND INTENSIVE COUNSELING. THE CURRICULUM WAS "FLEXIBLE" AND AT TIMES "IMPROMPTU," AND THE INVOLVEMENT OF PARENTS IN PROJECT ACTIVITIES WAS ENCOURAGED. PROJECT PERSONNEL MAINTAINED WEEKLY CONTACT WITH THE STUDENTS AFTER THEY RETURNED TO THEIR HIGH SCHOOLS FOR THE SCHOOL YEAR. ALTHOUGH THE STUDENTS HAVE NOT YET INCREASED THEIR GRADES, IT IS FELT THAT SIGNIFICANT CHANGES HAVE OCCURRED IN THEIR ATTITUDES AND BEHAVIOR. OF THE 16 HIGH SCHOOL SENIORS WHO COMPLETED THE FIRST UPWARD BOUND CYCLE IN THE SUMMER OF 1966, 11 HAVE GONE ON TO COLLEGE. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 6, JANUARY-FEBRUARY 1968. (DK)

ED 020 968 **UD 005 356**

MIZELL, M. HAYES JENKINS, H. HARRISON

A DIVISIVE ISSUE, FREEDOM OF CHOICE.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS— *EQUAL EDUCATION, *FREE CHOICE TRANSFER PROGRAMS, *INTEGRATION METHODS, *SCHOOL INTEGRATION, *SOUTHERN SCHOOLS, CIVIL RIGHTS ACT OF 1964 TITLE 6, CIVIL RIGHTS LEGISLATION, DEMOCRATIC VALUES, DEPARTMENT OF HEW, EDUCATIONAL POLICY, INTEGRATION LITIGATION, NEGRO ATTITUDES, NEGRO STUDENTS,

PRESENTED ARE TWO SEPARATE ARTICLES, ONE CRITICIZING AND THE OTHER DEFENDING THE EFFECTIVENESS OF THE FREEDOM OF CHOICE SCHOOL DESEGREGATION PLAN IN THE SOUTH. ACCORDING TO THIS PLAN, PUPILS (OR THEIR PARENTS) MAY CHOOSE THE SCHOOLS THEY WISH TO ATTEND WITHIN A GIVEN DISTRICT. IN THE ARTICLE AGAINST THE PLAN, IT IS ARGUED THAT PSYCHOLOGICAL AND SOCIAL RESTRAINTS MAKE THE SOUTHERN NEGRO'S "FREEDOM" THE FREEDOM TO RISK SOCIAL ISOLATION AND ACADEMIC FAILURE AND THE FREEDOM TO BE DENIED EDUCATIONAL EQUALITY. IT IS FURTHER ARGUED THAT THIS METHOD, WHILE GIVING TOKEN COMPLIANCE WITH THE DESEGREGATION ORDER, ACTUALLY PRESERVES THE STATUS QUO AND ENCOURAGES RESEGREGATION. THE SECOND ARTICLE SUGGESTS THAT A FREEDOM OF CHOICE PLAN NEEDS TIME TO OPERATE EFFECTIVELY, BUT WILL RESULT IN TOTALLY INTEGRATED SCHOOLS. IT IS FELT THAT THE OBLIGATION OF THE SCHOOL SYSTEM IS TO ALLOW A FREE CHOICE TO BE MADE BY ALL, AND THAT THE INTRODUCTION OF A QUOTA PLAN WOULD DENY THE NEGRO HIS DEMOCRATIC RIGHT TO CHOOSE. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 6, JANUARY-FEBRUARY 1968. (DK)

ED 020 969 **UD 005 357**

HARRIS, CHARLES

SPRINGBOARDS, TEXTS THE STUDENTS STEAL.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *DISADVANTAGED YOUTH, *DROPOUTS, *HIGH INTEREST LOW VOCABULARY BOOKS, *HIGH SCHOOL STUDENTS, *READING PROGRAMS, HARLEM, MALES, MOTIVATION TECHNIQUES, NEW YORK URBAN LEAGUE, READING INTERESTS, READING MATERIALS, SPRINGBOARDS READING PROGRAM, STREET ACADEMIES,

ON THE PREMISE THAT GHETTO YOUTH ARE NONREADERS MAINLY BECAUSE MOST READING MATERIALS ARE UNINSPIRED, MIDDLE-

CLASS, AND ANTISEPTIC, THE SPRINGBOARDS READING PROGRAM WAS DEVELOPED. PRESENTLY IMPLEMENTED IN HARLEM (NEW YORK CITY) "STREET ACADEMIES," THE PROGRAM UTILIZES A SERIES OF FOUR-PAGE BOOKLETS DESIGNED TO INTEREST DISADVANTAGED MALE DROPOUTS AND MOTIVATE THEM TO READ. THE VOCABULARY IS AT THE FOURTH- TO SIXTH-GRADE LEVEL. THE YOUTHS' SUGGESTIONS ARE USED IN CHOOSING READING TOPICS OF MAXIMUM INTEREST. AMONG THE TYPES OF STORIES MOST IN DEMAND ARE THOSE ABOUT JOB SITUATIONS, URBAN PROBLEMS, SPORTS, AND NEGRO LEADERS AND OTHER SUCCESSFUL PEOPLE. ACADEMIC SUBJECT MATTER IS INTEGRALLY WOVEN INTO THESE STORIES. IN A CONTROLLED CLASSROOM EXPERIMENT STUDENTS USING THIS MATERIAL SHOWED SIGNIFICANT INCREASES IN READING. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 6, JANUARY-FEBRUARY 1968. (DK)

ED 020 970 UD 005 643

HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN, 1964-1965.

HISTORICAL EVALUATION AND RESEARCH ORGANIZATION

PUB DATE 64

EDRS PRICE MF-$0.50 HC-$4.40 108P.

DESCRIPTORS— *AMERICAN HISTORY, *MINORITY GROUP CHILDREN, *RESEARCH METHODOLOGY, *SCHOOL SURVEYS, *URBAN EDUCATION, AMERICAN INDIANS, ARIZONA, CALIFORNIA, COURSE OBJECTIVES, CURRICULUM, CURRICULUM EVALUATION, DETROIT, DISADVANTAGED GROUPS, DISTRICT OF COLUMBIA, EXPERIMENTAL CURRICULUM, HISTORY INSTRUCTION, IDENTIFICATION (PSYCHOLOGICAL), INTERVIEWS, LOS ANGELES, MICHIGAN, NEW YORK CITY, PHOENIX, QUESTIONNAIRES,

UNDER THE DIRECTION OF THE HISTORICAL EVALUATION AND RESEARCH ORGANIZATION, SCHOOL SYSTEMS IN FIVE MAJOR CITIES CONDUCTED SURVEYS TO INVESTIGATE PROBLEMS IN AMERICAN HISTORY INSTRUCTION. IT WAS FELT THAT THE LACK OF IDENTIFICATION WITH THE AMERICAN PAST AND THE CULTURAL AND SOCIAL ISOLATION OF MANY URBAN, DISADVANTAGED MINORITY GROUP CHILDREN REQUIRED A RESTRUCTURING OF AMERICAN HISTORY INSTRUCTION AND THE DEVELOPMENT AND EVALUATION OF NEW TEACHING METHODS AND MATERIALS. PRESENTED ARE THE SURVEY PLANS--FORMS, DATA COLLECTING METHODS, AND PROCEDURES--TO BE USED IN LOS ANGELES AND PHOENIX, DETROIT, NEW YORK CITY, AND WASHINGTON D.C. ALSO INCLUDED ARE A BRIEF STATEMENT ABOUT OBJECTIVES FOR THE STUDY OF UNITED STATES HISTORY AND AN OUTLINE OF AN EXPERIMENTAL COURSE FOR AMERICAN INDIAN STUDENTS. (NH)

ED 020 971 UD 005 644

GIBBONEY, RICHARD MILLER, NORMAN

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE WASHINGTON, D.C., PUBLIC SCHOOLS.

PUB DATE 6 4

EDRS PRICE MF-$0.25 HC-$0.48 10P.

DESCRIPTORS— *AMERICAN HISTORY, *HISTORY INSTRUCTION, *MINORITY GROUP CHILDREN, *RESEARCH METHODOLOGY, *SCHOOL SURVEYS, ADMINISTRATIVE PERSONNEL, DISADVANTAGED GROUPS, DISTRICT OF COLUMBIA, ELEMENTARY SCHOOLS, INTERVIEWS, NEGROES, PUBLIC SCHOOLS, SECONDARY SCHOOLS, STUDENTS, TEACHERS, URBAN AREAS,

AS PART OF A FIVE-CITY SURVEY OF THE AMERICAN HISTORY CURRICULUM TAUGHT IN DISADVANTAGED SCHOOLS TO MINORITY GROUP CHILDREN, THIS PLAN OUTLINES THE PROCEDURES TO BE USED IN GATHERING DATA IN WASHINGTON, D.C. INFORMATION ON THE REACTION OF NEGRO CHILDREN TO AMERICAN HISTORY INSTRUCTION IN THE ELEMENTARY AND SECONDARY SCHOOLS WILL BE OBTAINED THROUGH STRUCTURED INTERVIEWS AND BY EXAMINING TEACHING MATERIALS. THE OUTLINE OF THE PLAN CONTAINS THE INTERVIEW OUTLINES FOR USE WITH PUPILS, TEACHERS, AND ADMINISTRATORS AND SUPERVISORS. THIS ARTICLE IS PUBLISHED IN HISTORICAL EVALUATION AND RESEARCH ORGANIZATION, WASHINGTON, D.C., "HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN 1964-1965," 1964. (NH)

ED 020 972 UD 005 645

MARTIN, DAVID

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE LOS ANGELES AND PHOENIX PUBLIC SCHOOLS.

PUB DATE 64

EDRS PRICE MF-$0.25 HC-$1.84 44P.

DESCRIPTORS— *AMERICAN HISTORY, *HISTORY INSTRUCTION, *MINORITY GROUP CHILDREN, *RESEARCH METHODOLOGY, *SCHOOL SURVEYS, ADMINISTRATIVE PERSONNEL, ARIZONA, AUDIOVISUAL AIDS, CALIFORNIA, COMMUNITY LEADERS, COURSE CONTENT, CURRICULUM, DISADVANTAGED GROUPS, INTERVIEWS, LIBRARY FACILITIES, LOS ANGELES, PHOENIX, STUDENTS, TEACHERS, TEXTBOOKS, URBAN AREAS,

PRESENTED ARE INTERVIEW SCHEDULES TO BE USED IN A SURVEY OF AMERICAN HISTORY INSTRUCTION IN THE LOS ANGELES AND THE PHOENIX PUBLIC SCHOOLS SERVING A DISADVANTAGED AND MINORITY GROUP POPULATION. THERE ARE FORMS DEALING WITH CURRICULUM, COURSE CONTENT TEXTUAL MATERIALS, LIBRARY FACILITIES, AND AUDIOVISUAL MATERIALS. OTHER INTERVIEW SCHEDULE FORMS ARE DESIGNED FOR USE WITH ADMINISTRATIVE PERSONNEL, TEACHERS, COMMUNITY REPRESENTATIVES, AND STUDENTS. THIS ARTICLE IS PUBLISHED IN HISTORICAL EVALUATION AND RESEARCH ORGANIZATION, WASHINGTON, D.C., "HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN, 1964-1965," 1964. (NH)

ED 020 973 UD 005 646

WISNIEWSKI, RICHARD

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE DETROIT PUBLIC SCHOOLS.

PUB DATE 64

EDRS PRICE MF-$0.25 HC-$0.88 20P.

DESCRIPTORS— *AMERICAN HISTORY, *HISTORY INSTRUCTION, *MINORITY GROUP CHILDREN, *RESEARCH METHODOLOGY, *SCHOOL SURVEYS, ADMINISTRATIVE PERSONNEL, AUDIOVISUAL AIDS, DETROIT, DISADVANTAGED GROUPS, HISTORY TEXTBOOKS, INSTRUCTIONAL INNOVATION, INTERVIEWS, MICHIGAN, STUDENTS, TEACHERS, TEST RESULTS, URBAN AREAS,

OUTLINED ARE THE SURVEY PROCEDURES TO BE USED TO GATHER INFORMATION ON THE PRACTICES, PLANS, AND PROBLEMS RELATED TO THE IDENTIFICATION OF DISADVANTAGED, MINORITY GROUP CHILDREN WITH THE AMERICAN HISTORY TAUGHT IN THE DETROIT PUBLIC SCHOOLS. GENERAL PRACTICES AS WELL AS SPECIFIC PROGRAMS AND MATERIALS WILL BE SURVEYED. THE SURVEY PROCEDURE IS DESCRIBED IN TERMS OF THE COMPOSITION OF THE SURVEY TEAM, THE DATES AND ORGANIZATION OF THE OF THE SURVEY, AND THE SCHOOLS TO BE OBSERVED. INCLUDED IN THIS OUTLINE ARE THE INTERVIEW SCHEDULES FOR USE WITH ADMINISTRATIVE PERSONNEL, TEACHERS, AND STUDENTS AND THE QUESTIONS TO BE USED IN EVALUATING TEXTUAL AND AUDIOVISUAL MATERIALS. IT IS RECOMMENDED THAT DATA BE OBTAINED ON INNOVATIONS AND ON ACHIEVEMENT TEST SCORES. THIS ARTICLE IS PUBLISHED IN HISTORICAL EVALUATION AND RESEARCH ORGANIZATION, WASHINGTON, D.C., "HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN, 1964-1965," 1964. (NH)

ED 020 974 UD 005 647

SEXTON, PATRICIA C.

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE NEW YORK CITY SCHOOLS.

PUB DATE 64

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *AMERICAN HISTORY, *DISADVANTAGED GROUPS, *HISTORY INSTRUCTION, *RESEARCH METHODOLOGY, *SCHOOL SURVEYS, ADMINISTRATIVE PERSONNEL, BROOKLYN, INTERVIEWS, MINORITY GROUP CHILDREN, NEGROES, NEW YORK, PUERTO RICANS, TEACHERS,

THIS PLAN FOR A SURVEY OF AMERICAN HISTORY INSTRUCTION IN DISADVANTAGED BROOKLYN, N.Y., SCHOOLS OUTLINES THE METHODS TO BE USED IN COLLECTING DATA. INTERVIEWS WILL BE CONDUCTED WITH TEACHERS, ADMINISTRATIVE PERSONNEL, AND CITIZENS GROUPS. INCLUDED IN THE PLAN ARE AN OUTLINE OF THE SCHEDULE AND METHOD FOR CONDUCTING THE INTERVIEWS AND A LIST OF PROPOSED SCHOOLS, WHICH SHOULD HAVE AN ENROLLMENT OF PREDOMINANTLY NEGRO AND PUERTO RICAN STUDENTS. THIS ARTICLE IS PUBLISHED IN HISTORICAL EVALUATION AND RESEARCH ORGANIZATION, WASHINGTON, D.C., "HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN, 1964-1965," 1964. (NH)

ED 020 975 UD 005 684

PETERSON, JOHN F.

A DEMONSTRATION STUDY TO DETERMINE THE EFFECT ON ACADEMIC PERFORMANCE OF GIVING HIGH SCHOOL TEACHERS BACKGROUND INFORMATION ON HIGH-POTENTIAL LOW-ACHIEVING STUDENTS.

DETROIT PUBLIC SCHOOLS, MICH.

EDRS PRICE MF-$1.25 HC-$10.80 268P.

DESCRIPTORS— *ACADEMIC PERFORMANCE, *SELF CONCEPT, *TEACHER INFLUENCE, *TEACHER RESPONSE, *UNDERACHIEVERS, ACADEMIC ACHIEVEMENT, BILLS INDEX OF ADJUSTMENT AND VALUES, CONTROL GROUPS, DETROIT, EDUCATIONAL RESEARCH, EXPERIMENTAL GROUPS, GRADE POINT AVERAGE, MICHIGAN, QUESTIONNAIRES, SCHOOL AND COLLEGE ABILITY TEST, SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS, STANDARDIZED TESTS, STATISTICAL DATA, STUDENT ADJUSTMENT, STUDENT ATTITUDES, STUDENT CHARACTERISTICS,

INFORMATION ON THE BACKGROUND AND ATTITUDES OF AN EXPERIMENTAL GROUP OF 191 HIGH-POTENTIAL, LOW-ACHIEVING 10TH-GRADE STUDENTS WAS SUPPLIED TO THEIR TEACHERS TO DETERMINE THE EFFECT OF THIS INFORMATION ON THE STUDENTS' PERFORMANCE. TEACHERS OF STUDENTS (114) IN A QUASI-CONTROL GROUP WERE INFORMED THAT THEIR PUPILS HAD TESTED AS UNDERACHIEVERS, BUT NO SPECIFIC DATA ABOUT THE STUDENTS WAS SUPPLIED TO THEM. UNDERACHIEVERS (191) IN A TRUE CONTROL GROUP WERE NOT IDENTIFIED TO THEIR TEACHERS. AN ACHIEVEMENT BATTERY, A SELF-CONCEPT INDEX, AND GRADE POINT AVERAGES WERE USED TO MEASURE THE EFFECT OF THE TEACHERS' KNOWLEDGE UPON PUPIL PERFORMANCE AFTER FIVE SEMESTERS. DATA WAS MADE AVAILABLE ON THE BACKGROUND AND ATTITUDES OF AVERAGE- AND HIGH-ACHIEVING STUDENTS SO THAT THE UNDERACHIEVERS MIGHT BE COMPARED WITH THEM. THE HYPOTHESIS THAT THE EXPERIMENTALS WOULD IMPROVE OVER THE CONTROLS IN ACADEMIC PERFORMANCE AND IN SELF-ATTITUDES WAS NOT CONFIRMED. (LB)

ED 020 976 UD 005 690

HOWE, HAROLD, II

THE FRUSTRATIONS OF PROGRESS.

PUB DATE 21 FEB 68

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *EDUCATIONAL IMPROVEMENT, *PUBLIC EDUCATION, *URBAN EDUCATION, COMMUNITY SCHOOLS, DISADVANTAGED

YOUTH, INDIVIDUAL INSTRUCTION, PRESCHOOL EDUCATION, SCHOOL INTEGRATION, SECONDARY SCHOOLS, TEACHER EDUCATION, WORK STUDY PROGRAMS,

MANY CHANGES HAVE BEEN EFFECTED IN THE POSTURE, PURPOSES, AND PROGRAMS OF AMERICAN PUBLIC EDUCATION DURING THE LAST 15 YEARS. NEVERTHELESS, THERE ARE STILL MANY PERPLEXING PROBLEMS TO BE SOLVED. WHAT IS NEEDED IS A PRACTICAL PROGRAM ADVANCED BY POSITIVE LEADERSHIP. SIX RECOMMENDATIONS FOR A PROGRESSIVE AGENDA IN EDUCATION WHICH DEMAND ATTENTION FROM EVERY SCHOOL ARE--(1) RENEWED EMPHASIS ON PRESCHOOL EDUCATION, (2) CONCENTRATED ATTENTION ON REDUCING THE ISOLATION OF THE SCHOOLS, (3) COORDINATED WORK-STUDY PROGRAMS FOR JUNIOR AND SENIOR HIGH SCHOOL STUDENTS, (4) PRESERVICE AND INSERVICE TEACHER TRAINING WITH EMPHASIS ON SPECIAL PROGRAMS FOR INNER-CITY SCHOOLS, (5) INCREASED EMPHASIS ON INDIVIDUALIZED INSTRUCTION AND SELF-DIRECTED LEARNING, AND (6) NEW EFFORTS DESIGNED TO ACHIEVE RACIAL INTEGRATION. THIS PAPER IS AN ADDRESS PRESENTED BEFORE THE ANNUAL CONFERENCE OF THE AMERICAN ASSOCIATION OF SCHOOL ADMINISTRATORS (ATLANTIC CITY, NEW JERSEY, FEBRUARY 21, 1968). (MM)

ED 020 977 **UD 005 702**

LEESON, JIM

THE CRUMBLING LEGAL BARRIERS TO SCHOOL DESEGREGATION.

PUB DATE OCT 66

EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *DISCRIMINATORY LEGISLATION, *RACIAL SEGREGATION, *SCHOOL INTEGRATION, *SOUTHERN STATES, BORDER STATES, LAW ENFORCEMENT, LEGAL SEGREGATION, NEGROES,

THE CURRENT STATUS OF ANTI-SCHOOL DESEGREGATION LAWS AND SOME OTHER DISCRIMINATORY PRACTICES IN THE SOUTHERN AND BORDER STATES ARE REVIEWED IN THIS ARTICLE. ALTHOUGH MANY OF THESE LAWS ARE STILL IN EXISTENCE, A RECENT EXAMINATION HAS SHOWN THAT THEY ARE NOT USED OR ENFORCED. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 2, NUMBER 3, OCTOBER 1966. (NH)

ED 020 978 **UD 005 717**

INGER, MORTON AND OTHERS

HOBSON V. HANSEN--WHAT IS LAW FOR.

CENTER FOR URBAN EDUCATION, NEW YORK, N.Y.

PUB DATE 05 JUL 67

EDRS PRICE MF-$0.25 HC-$0.56 12P.

DESCRIPTORS— *DEFACTO SEGREGATION, *EDUCATIONAL DISCRIMINATION, *FEDERAL COURT LITIGATION, *INTEGRATION LITIGATION, *SCHOOL INTEGRATION, BUS TRANSPORTATION, DISTRICT OF COLUMBIA, EVALUATION, FACULTY INTEGRATION, FLEXIBLE PROGRESSION, HOBSON V HANSEN, INTERDISTRICT POLICIES, NEGROES, PRESS OPINION, PUBLIC SCHOOL SYSTEMS, RACIAL DISCRIMINATION, SOCIAL DISCRIMINATION,

JUDGE JAMES SKELLY WRIGHT'S DECISION IN THE HOBSON V. HANSEN SCHOOL SEGREGATION CASE IN THE DISTRICT OF COLUMBIA IS EXAMINED IN SEVERAL SHORT ARTICLES. JUDGE WRIGHT HELD THAT THE 1954 SUPREME COURT SCHOOL DESEGREGATION DECREE EXTENDS TO DE FACTO AS WELL AS TO DE JURE SEGREGATION. HE RULED THAT SUBSTANDARD EDUCATION OF THE POOR IS DISCRIMINATORY, REGARDLESS OF RACE, AND ORDERED THE BUSING OF NEGROES TO PREDOMINATELY WHITE SCHOOLS, TEACHER INTEGRATION, AND THE ABOLITION OF THE TRACK SYSTEM IN THE SCHOOLS. HE ALSO NOTED THAT THE ANNUAL PER PUPIL EXPENDITURE IN NEGRO SCHOOLS IN WASHINGTON WAS $100 LESS THAN IN WHITE SCHOOLS. THUS APPLYING FOR THE FIRST TIME TO EDUCATION A BAR AGAINST ECONOMIC DISCRIMINATION. ALTHOUGH JUDGE WRIGHT CRITICIZED THE ABSENCE OF INTERDISTRICT SCHOOL SYSTEM COOPERATION AMONG THE DISTRICT AND THE MARYLAND AND VIRGINIA SUBURBS, HE DID NOT FIND FOR THE PLAINTIFF ON HIS REQUEST FOR METROPOLITANIZATION. INCLUDED IS A SUMMARY OF AND COMMENTARY ON THE BRIEF SUBMITTED BY THE SCHOOL SYSTEM, SOME PRESS OPINIONS, EXCERPTS FROM A LECTURE GIVEN BY THE JUDGE, AND A PROFILE OF HIM. COMMENTS ON THE DECISION BY THE GENERAL COUNSEL OF THE NAACP, BY A WASHINGTON ATTORNEY, AND BY A PROFESSOR OF PSYCHOLOGY ARE ALSO INCLUDED. THESE ARTICLES WERE PUBLISHED IN "THE CENTER FORUM," VOLUME 2, NUMBER 1, JULY 5, 1967. (NH)

ED 020 979 **UD 005 723**

HERNANDEZ, LUIS F.

THE CULTURALLY DISADVANTAGED MEXICAN-AMERICAN STUDENT. PART I.

PUB DATE FEB 67

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS— *CULTURE CONFLICT, *DISADVANTAGED YOUTH, *MEXICAN AMERICANS, *TEACHER ATTITUDES, ADOLESCENTS, CULTURAL BACKGROUND, CULTURAL DIFFERENCES, CULTURAL TRAITS, ETHNIC STEREOTYPES, FAMILY STRUCTURE, LANGUAGE HANDICAPS, MIDDLE CLASS VALUES, SELF CONCEPT,

STRADDLING TWO CULTURES, MEXICAN-AMERICAN STUDENTS ARE HAMPERED BY LANGUAGE BARRIERS AND IDENTITY PROBLEMS. THEIR SCHOOL ADJUSTMENT IS FURTHER HINDERED BY THE CULTURAL GAP WHICH EXISTS BETWEEN THEM AND THEIR ANGLO TEACHERS, AND BY THEIR CHARACTERISTIC NONCOMPETITIVE VALUES. MOREOVER, THE PATRIARCHAL, EXTENDED STRUCTURE OF THE MEXICAN-AMERICAN FAMILY DEMANDS CERTAIN ROLES AND RESPONSIBILITIES FROM THE CHILDREN WHICH MAY CONFLICT WITH THOSE OF THE SCHOOL. MEXICAN-AMERICAN PARENTS PASS ON TO THEIR CHILDREN TWO BASIC VALUES WHICH ARE ANTITHETICAL TO TRADITIONAL SCHOOL VALUES--THE PLACEMENT OF ALL RESPONSIBILITY IN THE WILL OF GOD, AND A CASUAL ATTITUDE TOWARD TIME. TEACHERS OFTEN VIEW THE STUDENTS' RESPONSES TO THESE CROSS CULTURAL PRESSURES AS APATHETIC BEHAVIOR. THEY NEED TO BECOME INFORMED ABOUT STUDENTS' DIFFERENCES AS WELL AS THEIR SIMILARITIES, FOR MEXICAN AMERICANS ARE QUITE DIVERSE AND MAY COME FROM ANY ONE OF EIGHT MAJOR SUBGROUPS. THIS ARTICLE WAS PUBLISHED IN THE "JOURNAL OF SECONDARY EDUCATION," VOLUME 42, NUMBER 2, FEBRUARY 1967. (NH)

ED 020 980 **UD 005 725**

LEESON, JIM

VIOLENCE, INTIMIDATION AND PROTEST. DESEGREGATION.

PUB DATE DEC 66

EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *DEMONSTRATIONS (CIVIL), *SCHOOL BOYCOTTS, *SCHOOL INTEGRATION, *SOUTHERN STATES, *VIOLENCE, COURT LITIGATION, RACIAL DISCRIMINATION,

THIS ARTICLE IS A SHORT ANECDOTAL COLLECTION OF SCHOOL DESEGREGATION INCIDENTS WHERE VIOLENCE HAS BEEN EITHER PRESENT OR THREATENED. THE VIOLENCE HAS INCLUDED THE BEATING OF NEGRO CHILDREN, BOMBINGS AND SHOOTINGS, AND NUMEROUS TELEPHONE THREATS AND KU KLUX KLAN INTIMIDATIONS. NEGRO TEACHERS IN PREVIOUSLY WHITE SCHOOLS HAVE BEEN TARGETS OF VIOLENCE AS HAVE BEEN SUPERINTENDENTS WHO HAVE ENFORCED FEDERAL DESEGREGATION GUIDELINES. BOYCOTTS BY WHITES, AS WELL AS BY NEGROES, HAVE ALSO BEEN COMMON AND HAVE LED TO VIOLENCE IN A NUMBER OF PLACES. BOYCOTTS HAVE OFTEN BEEN ACCOMPANIED BY COURT SUITS SEEKING MORE RAPID DESEGREGATION. BOTH RACES HAVE BEEN WARNED AGAINST VIOLENCE OF ANY KIND AND CAUTION TO WORK TOGETHER TO SETTLE THE DESEGREGATION PROBLEMS. THIS ARTICLE WAS PUBLISHED IN "SOUTHERN EDUCATION REPORT," VOLUME 2, NUMBER 5, DECEMBER 1966. (DK)

ED 020 981 **UD 005 726**

BRADDOCK, CLAYTON

NEW SPEECH PATTERNS IN THE FRENCH QUARTER.

PUB DATE DEC 66

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *CLERICAL WORKERS, *SPEECH INSTRUCTION, *STANDARD SPOKEN USAGE, BASIC SKILLS, EMPLOYMENT OPPORTUNITIES, FEMALES, LOUISIANA, NEGROES, NEW ORLEANS, OFFICE OCCUPATIONS EDUCATION, SAINT MARYS DOMINICAN COLLEGE, SECOND LANGUAGE LEARNING, SPEECH HABITS,

BUSINESSMEN IN NEW ORLEANS CITED POOR SPEECH AMONG NEGRO APPLICANTS FOR SECRETARIAL AND STENOGRAPHIC POSITIONS AS THE MAJOR REASON FOR NOT HIRING THEM. AS A RESULT, ST. MARY'S DOMINICAN COLLEGE EMBARKED ON AN 8-MONTH PROGRAM IN 1965 TO TEACH STANDARD SPEECH TO 90 YOUNG WOMEN, 75 OF WHOM WERE NEGRO. STANDARD SPEECH WAS TAUGHT AS A SECOND LANGUAGE. EXTENSIVE USE WAS MADE OF THE LANGUAGE LABORATORY, AND STUDENTS STUDIED SPECIFIC SOUNDS AND WORDS. IN ADDITION, INTENSIVE INSTRUCTION WAS GIVEN IN TYPING, SHORTHAND, ENGLISH, SPELLING, AND PERSONAL GROOMING. IN 1966, THE PROGRAM ADDED COURSES IN READING, MATHEMATICS, AND FAMILY ECONOMICS. THE STUDENTS PAID NO TUITION AND ATTENDED CLASSES EVERYDAY FROM 9 TO 5. ONLY FOUR STUDENTS IN THE FIRST GROUP DROPPED OUT, AND 77 FOUND JOBS SOON AFTER GRADUATION. MOREOVER, MANY OF THE NEGRO WOMEN FOUND JOBS IN PREVIOUSLY ALL-WHITE COMPANIES. THIS ARTICLE WAS PUBLISHED IN "-SOUTHERN EDUCATION REPORT," VOLUME 2, NUMBER 5, DECEMBER 1966. (DK)

ED 020 982 **UD 005 729**

EGERTON, JOHN

SOMETIMES IT GOT WILD IN ARKANSAS.

PUB DATE DEC 66

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *DISADVANTAGED YOUTH, *RURAL AREAS, *TEACHER EDUCATION, ARKANSAS, FEDERAL AID, FEDERAL PROGRAMS, NATIONAL TEACHING CORPS, PROGRAM DESCRIPTIONS, PROGRAM EFFECTIVENESS, RURAL SCHOOLS, TEACHERS,

THIS ARTICLE DISCUSSES THE NATIONAL TEACHING CORPS TRAINING PROGRAM IN ARKANSAS, WHICH CONSISTS OF 24 INTERNS AND 9 MASTER TEACHERS, SEVERAL ECONOMISTS, PSYCHOLOGISTS, SOCIOLOGISTS, ELEMENTARY EDUCATION SPECIALISTS, COUNSELING SPECIALISTS, AND AN AUDIOVISUAL EXPERT. FOR 10 WEEKS THE GROUP HELD A SEMINAR ON THE EDUCATION OF THE DISADVANTAGED, CONCENTRATING ON THE EDUCATIONAL, ECONOMIC, SOCIOLOGICAL, AND PSYCHOLOGICAL CHARACTERISTICS AND PROBLEMS OF STUDENTS FROM POOR FAMILIES. IN THE FIELD, TWO TEAM LEADERS OPERATED AS "-CIRCUIT RIDERS," SUPERVISING INTERNS IN MORE THAN ONE SCHOOL. THE CORPSMEN WORKED AS COUNSELORS AND TUTORS OF INDIVIDUAL CHILDREN RATHER THAN AS CLASSROOM TEACHERS. THE NEED TO ESTABLISH ONE-TO-ONE RELATIONSHIPS WAS CONSIDERED PARAMOUNT. CORPSMEN NOT PREVIOUSLY ELIGIBLE WERE GRANTED EMERGENCY TEACHING CERTIFICATES. NEW PRACTICES AND IDEALISM WERE BROUGHT BY THE CORPSMEN TO OUTLYING SCHOOL DISTRICTS WHOSE EDUCATIONAL PROBLEMS ARE MANIFOLD. THIS ARTICLE WAS PUBLISED IN "SOUTHERN EDUCATION REPORT," VOLUME 2, NUMBER 5, DECEMBER 1966. (DK)

ED 020 983 **UD 005 730**

WEBER, GEORGE PEARL, ARTHUR
TWO VIEWS CONCERNING ABILITY GROUPING.
PUB DATE DEC 66
EDRS PRICE MF-$0.25 HC-$0.36 7P.

DESCRIPTORS— *ABILITY GROUPING, *EDUCATIONAL PRACTICE, *FLEXIBLE PROGRESSION, *GROUPING (INSTRUCTIONAL PURPOSES), *HETEROGENEOUS GROUPING, ACADEMIC ACHIEVEMENT, DISADVANTAGED YOUTH, INDIVIDUAL DIFFERENCES, LOW ABILITY STUDENTS, NEGRO STUDENTS, RACIAL SEGREGATION, SELF CONCEPT,

IN TWO SEPARATE ARTICLES, TWO VIEWS OF ABILITY GROUPING ARE DISCUSSED. THE FIRST MAINTAINS THAT FOR ECONOMIC REASONS TAX-SUPPORTED EDUCATION MUST GROUP STUDENTS FOR INSTRUCTIONAL PURPOSES, WHICH MAY BE DONE ACCORDING TO ABILITY OR TO AGE. ABILITY GROUPING IS DEFENSIBLE AS AN EDUCATIONAL PRACTICE WHEN IT IS BASED ON MEASURABLE ACHIEVEMENT. ALL CHILDREN, EXCEPT THE VERY LIMITED, SHOULD RECEIVE INSTRUCTION IN THE BASIC INTELLECTUAL DISCIPLINES IN BOTH ELEMENTARY AND SECONDARY SCHOOL, BUT STUDENTS ASSIGNED TO SLOWER GROUPS SHOULD BE INSTRUCTED AT A DIFFERENT PACE. GROUPING, THEREFORE, CAN BE USED TO FURTHER THE PROGRESS OF STUDENTS OF DIFFERING ABILITIES ALONG A UNIFORM CURRICULUM. THE SECOND ARTICLE, ON THE OTHER HAND, ARGUES THAT ANY GROUPING OF STUDENTS IS DETRIMENTAL TO EDUCATION, ESPECIALLY TO THE EDUCATION OF THE POOR. MOREOVER, ABILITY GROUPING IS FELT TO BE SEGREGATIVE BY DEFINITION. THE ALTERNATIVE OFFERED IS THAT OF UNGROUPED CLASSROOMS, WITH EMPHASIS ON INDIVIDUAL INSTRUCTION AND SUPPORTIVE ASSISTANCE. THESE ARTICLES WERE PUBLISHED IN "SOUTHERN EDUCATION REPORT," VOLUME 2, NUMBER 5, DECEMBER 1966. (DK)

ED 020 984 UD 005 738
DIFFERENT BUT EQUAL, A SPECIAL REPORT.
CALIFORNIA UNIV., BERKELEY
PUB DATE MAY 67
EDRS PRICE MF-$0.25 HC-$0.88 20P.

DESCRIPTORS— *DISADVANTAGED YOUTH, *EDUCATIONAL IMPROVEMENT, ACADEMIC ACHIEVEMENT, ACADEMIC FAILURE, CALIFORNIA, COMPENSATORY EDUCATION, CULTURAL DIFFERENCES, LANGUAGE SKILLS, MEXICAN AMERICAN STUDY PROJECT, MEXICAN AMERICANS, MIDDLE CLASS NORM, NEGRO DIALECTS, PRESCHOOL EDUCATION, PROJECT HEAD START, RESEARCH PROJECTS, SCHOOL INTEGRATION, SCHOOL RESPONSIBILITY, SLUM SCHOOLS, SOCIAL CLASS, STUDENT ATTITUDES, TEACHER ATTITUDES, UNIVERSITY OF CALIFORNIA,

PRESENTED IS AN INFORMAL REVIEW OF RESEARCH SPONSORED BY THE UNIVERSITY OF CALIFORNIA ON IMPROVING THE EDUCATION OF THE STATE'S DISADVANTAGED CHILDREN. VARIOUS PROJECTS ARE EXPLORING (1) ATTITUDES AND SELF-IMAGE AMONG NEGROES, (2) THE RELATIONSHIP BETWEEN SOCIAL CLASS, ATTITUDE, AND ACHIEVEMENT, AND (3) THE SCHOOL EXPERIENCE OF MEXICAN-AMERICAN CHILDREN. OTHER STUDIES ARE CONCERNED WITH (1) SCHOOL DESEGREGATION AND QUALITY EDUCATION, (2) THE CULTURAL GAP BETWEEN MIDDLE-CLASS TEACHERS AND LOWER-CLASS STUDENTS, AND (3) LANGUAGE SKILLS AND DIALECT DIFFERENCES. THIS DOCUMENT IS ALSO AVAILABLE FROM THE OFFICE OF UNIVERSITY RELATIONS, 101 UNIVERSITY HALL, BERKELEY, CALIFORNIA 94720. (NH)

ED 020 985 UD 005 921
EGERTON, JOHN
HIGH RISK.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.56 12P.

DESCRIPTORS— *COLLEGE ADMISSION, *COLLEGE PROGRAMS, *DISADVANTAGED YOUTH, *EDUCATIONAL OPPORTUNITIES, *PROGRAM DESCRIPTIONS, ADMISSION CRITERIA, DROPOUT RATE, MINORITY GROUPS, PROGRAM EFFECTIVENESS, SCHOOL POLICY,

THIS ARTICLE REPORTS ON THE STATUS OF COLLEGE AND UNIVERSITY PROGRAM TO ADMIT "HIGH RISK" DISADVANTAGED STUDENTS. DATA WERE GATHERED FROM 159 PREDOMINANTLY WHITE INSTITUTIONS, 84 OF WHICH REPORTED SOME INVOLVEMENT IN PROGRAMS FOR HIGH RISK STUDENTS. DISCUSSED ARE SUCH ISSUES AS THE EXTENT OF THE COLLEGES' COMMITMENT, THE RATIONALE BEHIND THE INVOLVEMENT OR LACK OF INVOLVEMENT OF THE COLLEGES IN THESE PROGRAMS, AND APPROACHES USED WITH HIGH RISK STUDENTS. THE EXTENT AND SUCCESS OF PROGRAMS FOR HIGH RISK STUDENTS IN EIGHT PUBLIC AND FIVE PRIVATE COLLEGES ARE SPECIFICALLY DESCRIBED, WITH BRIEF MENTION GIVEN TO SEVERAL ADDITIONAL PROGRAMS. INCLUDED IS A LIST OF AGENCIES AND ORGANIZATIONS CONCERNED WITH INCREASING HIGHER EDUCATION OPPORTUNITIES FOR DISADVANTAGED STUDENTS. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 7, MARCH 1968. (NH)

ED 020 986 UD 005 922
MORRELL, KEN
THE EQUATION AT OAK RIDGE.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *ELEMENTARY SCHOOLS, *INTEGRATION METHODS, *SCHOOL INTEGRATION, *SOUTHERN SCHOOLS, BOARD OF EDUCATION ROLE, BUS TRANSPORTATION, DATA, FACULTY INTEGRATION, NEGRO STUDENTS, OAK RIDGE, RACIAL DISTRIBUTION, SCHOOL CLOSING, TENNESSEE, TRANSFER PROGRAMS,

THE STEPS TAKEN TO DESEGREGATE THE OAK RIDGE, TENN., SCHOOLS ARE DESCRIBED IN THIS ARTICLE. ONE ELEMENTARY SCHOOL, SEGREGATED BECAUSE OF RESIDENTIAL PATTERNS, WAS CLOSED AND ITS STUDENTS REDISTRIBUTED AMONG OTHER SCHOOLS IN THE CITY. UNDER THE INITIATIVE OF THE SCHOOL BOARD, THIS PLAN WENT INTO EFFECT IN THE FALL OF 1967 AND IS SAID TO HAVE PROCEEDED "FAIRLY SMOOTHLY." THE TRANSFERRED NEGRO STUDENTS VISITED THEIR NEW SCHOOLS IN THE TERM BEFORE THE MOVE, TEACHERS WERE GIVEN THE RECORDS OF INCOMING STUDENTS TO STUDY OVER THE SUMMER, AND READING SPECIALISTS WERE ASSIGNED TO ALL THE ELEMENTARY SCHOOLS. TEACHERS IN THE RECEIVING SCHOOLS ATTENDED INSERVICE TRAINING SESSIONS. SPECIAL FUNDS WERE ALLOCATED TO PROVIDE BUS FARE AND LUNCH MONEY TO NEEDY STUDENTS. DESEGREGATION OF THE OAK RIDGE SECONDARY SCHOOLS BEGAN IN 1955. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 7, MARCH 1968. (NH)

ED 020 987 UD 005 923
ORSINI, BETTE
NEW ROAD FOR YOUNG MIGRANTS.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *CONTINUATION HIGH SCHOOLS, *DISADVANTAGED YOUTH, *DROPOUT PROGRAMS, *MIGRANT YOUTH, COLLEGE ENVIRONMENT, CULTURAL DIFFERENCES, FEDERAL PROGRAMS, FLORIDA, HIGH SCHOOL EQUIVALENCY PROGRAM, MIDDLE CLASS VALUES, NEGROES, RESIDENTIAL PROGRAMS, SOUTH FLORIDA UNIVERSITY, SPEECH IMPROVEMENT, TAMPA, YOUNG ADULTS,

THE FEDERALLY-FINANCED HIGH SCHOOL EQUIVALENCY PROGRAM AT THE UNIVERSITY OF SOUTH FLORIDA AT TAMPA PROVIDES A HIGH SCHOOL EDUCATION TO DROPOUTS FROM MIGRANT AND SEASONAL FARMWORKER FAMILIES. APPLICANTS MUST BE FROM POVERTY FAMILIES AND BETWEEN THE AGES OF 17 AND 22. CURRENTLY, THE TAMPA PROGRAM HAS 48 STUDENTS, MOST OF WHOM ARE NEGROES. STUDENTS LIVE ON CAMPUS, ARE GIVEN $10 WEEKLY FOR EXPENSES, AND RECEIVE TWO ROUND-TRIP TICKETS TO THEIR HOMES. PROGRAM PERSONNEL PREPARE STUDENTS FOR THE TEST WHICH GIVES THEM A HIGH SCHOOL DIPLOMA AND PROVIDES AID TO THOSE WHO PASS IN PLANNING POST-SECONDARY EDUCATION. ONE IMPORTANT FEATURE OF THE PROGRAM IS SPEECH TRAINING, IN WHICH STANDARD ENGLISH IS TAUGHT AS A SECOND LANGUAGE. THE PROGRAM ATTEMPTS TO PREPARE THESE DISADVANTAGED STUDENTS TO MOVE INTO THE MIDDLE-CLASS CULTURE. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 7, MARCH 1968. (NH)

ED 020 988 UD 005 925
GORMIN, PATRICIA
NEW ORLEANS SERVES UP FINE ARTS TO FEED YOUNG EGOS.
PUB DATE MAR 68
EDRS PRICE MF-$0.25 HC-$0.20 3P.

DESCRIPTORS— *COMMUNICATION SKILLS, *CREATIVITY, *ENRICHMENT EXPERIENCE, *FINE ARTS, *NEGRO STUDENTS, ART EDUCATION, CONSULTANTS, DISADVANTAGED YOUTH, EDUCATIONAL IMPROVEMENT PROJECT, ELEMENTARY SCHOOL STUDENTS, FORD FOUNDATION, FOUNDATION PROGRAMS, INSERVICE TEACHER EDUCATION, LOUISIANA, MUSIC EDUCATION, NEW ORLEANS, THEATER,

THE EDUCATIONAL IMPROVEMENT PROJECT IS CONDUCTING A FINE ARTS PROGRAM FOR DISADVANTAGED PUPILS AT TWO PREDOMINANTLY NEGRO NEW ORLEANS ELEMENTARY SCHOOLS. THE PROGRAM HAS A TWO-FOLD GOAL--TO FOSTER CREATIVITY IN THE PUPILS AND TO DEVELOP TEACHERS' AWARENESS OF STUDENT ADJUSTMENT AND LEARNING PROBLEMS. INCLUDED IN THE PROJECT ARE MUSIC EDUCATION AND ART AND THEATER EXPERIENCES. AN "ALLIED COMMUNICATION ARTS PROCESS" IS USED TO INTERRELATE THESE ACTIVITIES WITH THE LANGUAGE ARTS. CONSULTANTS IN THE ARTS FROM TWO LOCAL UNIVERSITIES HELP TEACHERS TO DEVELOP EXPERIMENTAL TEACHING TECHNIQUES. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 7, MARCH 1968. (NH)

ED 020 989 UD 005 983
HOWE, HAROLD, II
RESPECT, ENGAGEMENT, RESPONSIBILITY.
PUB DATE 19 MAR 68
EDRS PRICE MF-$0.25 HC-$0.76 17P.

DESCRIPTORS— *DECISION MAKING, *POWER STRUCTURE, *PUBLIC SCHOOLS, BOARDS OF EDUCATION, CITIZEN PARTICIPATION, CITY GOVERNMENT, COMMUNITY PARTICIPATION, COMPENSATORY EDUCATION, DECENTRALIZATION, EDUCATIONAL PARKS, FEDERAL GOVERNMENT, GOVERNMENT ROLE, MINORITY GROUPS, NEIGHBORHOOD SCHOOLS, PARENT PARTICIPATION, SCHOOL DISTRICTS, SCHOOL INTEGRATION, STATE GOVERNMENT, STUDENT PARTICIPATION, URBAN SCHOOLS,

THIS ADDRESS STRESSES THE URGENCY OF INVOLVING PARENTS, COMMUNITIES, TEACHERS, AND STUDENTS IN THE POWER STRUCTURE OF THE SCHOOLS. THESE GROUPS MUST NOW BE ACTIVELY INCLUDED IN DECISION MAKING AND IN THE CONTROL OF THEIR ENVIRONMENTS. AMONG THE ISSUES DISCUSSED IN RELATION TO THE POWER STRUGGLE ARE THE COMPATABILITY OF THE GOALS OF RACIAL INTEGRATION VS. COMPENSATORY EDUCATION, NEIGHBORHOOD SCHOOLS VS. EDUCATIONAL PARKS, LOCAL SCHOOL BOARDS VS. LARGE SCHOOL DISTRICT DECENTRALIZATION, AND ADMINISTRATORS AND BOARDS OF EDUCATION VS. PARENT AND OTHER GROUPS INVOLVEMENT IN PLANNING AND DECISION MAKING. TWO GENERALIZATIONS ARE MADE ABOUT THE INTERRELATIONSHIPS OF VARIOUS GOVERNMENTAL LEVELS AND THEIR RESPONSIBILITIES FOR PUBLIC EDUCATION--(1) THE STATES ARE NOT ADEQUATELY SUPPORTING LARGE URBAN SCHOOL SYSTEMS, AND (2) THERE IS TOO GREAT A TENDENCY FOR LOCAL AUTHORITIES TO ABROGATE THEIR OWN RESPONSIBILITIES TO SUPPORT THE SCHOOLS BY RELYING ON

FEDERAL MONIES AND PROGRAMS. THIS PAPER WAS PRESENTED AT THE SIXTH ANNUAL CONVENTION OF THE NATIONAL COMMITTEE FOR SUPPORT OF THE PUBLIC SCHOOLS (STATLER-HILTON HOTEL, WASHINGTON, D.C., MARCH 19, 1968). (NH)

ED 020 990 UD 005 984

TEACHING THE DISADVANTAGED.

EDRS PRICE MF-$0.25 HC-$0.80 18P.

DESCRIPTORS— *DISADVANTAGED YOUTH, *PSYCHOLOGICAL CHARACTERISTICS, *TEACHING TECHNIQUES, HEALTH, INDIVIDUAL CHARACTERISTICS, LANGUAGE ARTS, MATHEMATICS INSTRUCTION, PARENT TEACHER CONFERENCES, READING MATERIALS, REINFORCEMENT, SCHOOL SERVICES, SCIENCE EDUCATION, SELF CONCEPT, SOCIAL STUDIES, STAFF ROLE, STUDENT MOTIVATION,

GUIDELINES FOR TEACHING AND UNDERSTANDING THE DISADVANTAGED CHILD ARE PRESENTED IN THIS REPORT. SPECIFICALLY DISCUSSED ARE THE PSYCHOLOGICAL AND PHYSICAL CHARACTERISTICS OF THE DISADVANTAGED CHILD, MOTIVATION AND REINFORCEMENT TECHNIQUES, AND TECHNIQUES FOR INSTRUCTING PUPILS IN LANGUAGE ARTS, SOCIAL SCIENCE, SCIENCE, AND MATHEMATICS. THE DUTIES OF VARIOUS MEMBERS OF THE SCHOOL'S SUPPORTIVE STAFF ARE ALSO DESCRIBED. (LB)

ED 020 991 UD 005 985

HOWE, HAROLD, II

THE NEGLECTED MAJORITY.

PUB DATE 01 MAR 67

EDRS PRICE MF-$0.25 HC-$0.68 15P.

DESCRIPTORS— *DISADVANTAGED YOUTH, *EDUCATIONAL IMPROVEMENT, *NONCOLLEGE PREPARATORY STUDENTS, *SECONDARY EDUCATION, *SECONDARY SCHOOL STUDENTS, CURRICULUM DEVELOPMENT, EDUCATIONAL DISADVANTAGEMENT, EDUCATIONAL LEGISLATION, EDUCATIONAL NEEDS, ESEA, FEDERAL PROGRAMS, JOB CORPS, JOB TRAINING, NATIONAL DEFENSE EDUCATION ACT, NATIONAL TEACHER CORPS, REMEDIAL INSTRUCTION, TEACHER EDUCATION, TEACHER PLACEMENT, VOCATIONAL EDUCATION,

THIS SPEECH EXAMINES THE STATE OF SECONDARY EDUCATION IN THE UNITED STATES, AND NOTES THAT THERE IS A NEED FOR GREATER CONCERN FOR THE EDUCATION OF STUDENTS WHO ARE NOT COLLEGE BOUND. THE NEW FEDERAL PROGRAMS FOR EDUCATION CAN ENABLE SCHOOL SYSTEMS TO REMEDIATE THE EDUCATIONAL DEFICITS OF DISADVANTAGED SECONDARY SCHOOL STUDENTS. EDUCATION FOR THE DISADVANTAGED CAN ALSO BE HELPED BY EDUCATORS' EFFORTS TO INCREASE THEIR UNDERSTANDING OF SLUM YOUTH AND TO REVERSE CURRENT PREFERENTIAL TEACHER PLACEMENT POLICIES WHICH ASSIGN THE LEAST EXPERIENCED TEACHERS TO THE MORE DIFFICULT SCHOOLS. SPECIALIZED TRAINING FOR PROSPECTIVE TEACHERS OF THE DISADVANTAGED IS FELT TO BE IMPORTANT. ALSO, JOB TRAINING AND VOCATIONAL EDUCATION ARE IMPERATIVE FOR THOSE STUDENTS WHO DO NOT AND WILL NOT HAVE A HIGH SCHOOL DIPLOMA. VOCATIONAL EDUCATION CURRICULUMS OUGHT TO BE RENOVATED TO CREATE AN ATTITUDE OF RESPECT FOR VOCATIONAL TRAINING. IT IS FELT, MOREOVER, THAT THE IDEAL IN SECONDARY EDUCATION IS THE COMPREHENSIVE HIGH SCHOOL. THIS PAPER IS AN ADRESS PRESENTED BEFORE THE ANNUAL CONVENTION OF THE NATIONAL ASSOCIATION OF SECONDARY SCHOOL PRINCIPALS (DALLAS, TEXAS, MARCH 1, 1967). (NH)

ED 020 992 UD 005 989

HOWE, HAROLD, II

EDUCATION'S MOST CRUCIAL ISSUE.

PUB DATE 03 MAY 66

EDRS PRICE MF-$0.25 HC-$0.60 13P.

DESCRIPTORS— *DEFACTO SEGREGATION, *EDUCATIONAL DISCRIMINATION, *EDUCATIONAL IMPROVEMENT, *SCHOOL INTEGRATION, *SLUM SCHOOLS, CURRICULUM DEVELOPMENT, FACULTY INTEGRATION, FEDERAL PROGRAMS, PRESERVICE EDUCATION, RACIAL DISCRIMINATION, SCHOOL LOCATION, SCHOOL POLICY, TEACHER PLACEMENT, URBAN SCHOOLS,

SCHOOLS AND EDUCATORS MUST TAKE THE LEADERSHIP IN THE SCHOOL DESEGREGATION PROCESS. SEGREGATED CLASSROOMS PERPETUATE IN THE NEGRO CHILD A FEELING OF SECOND-CLASS CITIZENSHIP, WHICH IS BOTH UNFAIR AND ILLEGAL. SOUTHERNERS AND SOME NORTHERNERS CONTEND, HOWEVER, THAT "DISCRIMINATION" AND "SEGREGATION" ARE NOT SYNONYMOUS AND THEREFORE DUAL SCHOOL SYSTEMS ARE PERMISSIBLE. IN THE NORTH SUCH FACTORS AS FEEDER PATTERNS, ZONING, AND FACULTY ASSIGNMENTS CONTRIBUTE TO DE FACTO SCHOOL SEGREGATION. LEGAL REMEDIES ARE DIFFICULT OR IMPOSSIBLE TO APPLY BECAUSE INTENT TO DISCRIMINATE MUST FIRST BE ESTABLISHED. FEDERAL PROGRAMS ARE CONTRIBUTING TO THE EDUCATIONAL QUALITY OF GHETTO AND IMPOVERISHED RURAL SCHOOLS, BUT UNTIL URBAN DE FACTO SEGREGATION CAN BE ATTACKED LEGALLY, LOCAL EFFORTS ARE NEEDED TO BRING EDUCATIONAL EXCELLENCE TO EXISTING SEGREGATED SCHOOLS. IN PARTICULAR, THE SCHOOLS MIGHT REVISE DISCRIMINATORY PERSONNEL ASSIGNMENT POLICIES, INTRODUCE SOCIALLY RELEVANT CURRICULUMS AND PROGRAMS WHICH RAISE PUPILS' PERFORMANCE, AND ENCOURAGE FUTURE TEACHERS TO STUDENT TEACH IN SLUM SCHOOLS. THIS PAPER WAS PRESENTED BEFORE THE FOUNDERS' DAY CONVOCATION, TEACHERS COLLEGE, COLUMBIA UNIVERSITY, NEW YORK CITY, MAY 3, 1966. (NH)

ED 020 993 UD 005 990

HOWE, HAROLD , II

BEAR SOMETHING AWAY.

PUB DATE 05 JUN 66

EDRS PRICE MF-$0.25 HC-$0.52 11P.

DESCRIPTORS— *CITIZENSHIP RESPONSIBILITY, *CIVIL RIGHTS, *COLLEGE GRADUATES, *SOCIAL PROBLEMS, MIDDLE CLASS VALUES, SOCIAL DISCRIMINATION, SOCIAL VALUES, STUDENT ATTITUDES,

THIS PAPER SUGGESTS THAT TODAY'S COLLEGE GRADUATES AS RESPONSIBLE CITIZENS CAN FIGHT RACIAL AND SOCIAL INJUSTICES WITHIN THEIR OWN COMMUNITY AND SPHERE OF INFLUENCE. ASPECTS OF THE GENERATION GAP AND WAYS IN WHICH TODAY'S COLLEGE STUDENTS EXPRESS NONCONFORMITY AND DISSENT ARE ALSO DISCUSSED. STUDENTS ARE PRAISED FOR THEIR CONCERN ABOUT SOCIAL AND RACIAL INJUSTICE. THIS PAPER WAS PRESENTED AT COMMENCEMENT EXERCISES, VASSAR COLLEGE, POUGHKEEPSIE, NEW YORK, JUNE 5, 1966. (NH)

ED 020 994 UD 006 001

SPINDLER, EVELYN B. AND OTHERS

"PROGRAM AIDES" FOR WORK WITH LOW-INCOME FAMILIES.

PUB DATE 66

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *FEDERAL PROGRAMS, *INSTRUCTIONAL MATERIALS, *LOW INCOME GROUPS, *NUTRITION INSTRUCTION, *VISITING HOMEMAKERS, ALABAMA, COURSE CONTENT, DEPARTMENT OF AGRICULTURE, FOOD DONATION PROGRAM, FOOD EXTENSION SERVICE, FOOD STAMP PROGRAM, FOODS INSTRUCTION, HOME ECONOMICS TEACHERS, HOME MANAGEMENT, MOTHERS, NONPROFESSIONAL PERSONNEL, RURAL FAMILY, TRAINING, VOLUNTEERS,

THIS FOUR-PART ARTICLE DESCRIBES THE USE OF PROFESSIONAL AND NONPROFESSIONAL PROGRAM AIDES TO TEACH LOW-INCOME HARD-TO-REACH HOMEMAKERS HOW TO PREPARE NUTRITIONALLY BALANCED MEALS USING LOW-COST FOODS. THE PROGRAM IS SPONSORED BY THE FEDERAL EXTENSION SERVICE OF THE U.S. DEPARTMENT OF AGRICULTURE. SPECIFICALLY DISCUSSED ARE THE REQUIREMENTS FOR BECOMING AN AIDE, A TRAINING PROGRAM FOR AIDES, AND A SERIES OF LEAFLETS, "FOOD FOR THRIFTY FAMILIES," TO BE USED BY THE LOW-INCOME HOMEMAKERS. THE FEDERAL FOOD DONATION AND FOOD STAMP PROGRAMS AND AN ALABAMA PILOT PROJECT WHICH USES HOME ECONOMICS AIDES ARE ALSO DESCRIBED. THIS ARTICLE IS A REPRINT FROM THE "JOURNAL OF THE AMERICAN DIETETIC ASSOCIATION," VOLUME 50, NUMBER 6, P. 478-486, JUNE 1967, AND IS TAKEN FROM A SYMPOSIUM PRESENTED AT THE 49TH ANNUAL MEETING OF THE AMERICAN DIETETIC ASSOCIATION, BOSTON, OCTOBER 26, 1966. (LB)

ED 020 995 UD 006 008

RYAN, WILLIAM

RESTRUCTURING CITY GOVERNMENT, THREE PROPOSALS FOR HUMAN SERVICES.

PUB DATE 24 MAY 67

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *ADMINISTRATIVE CHANGE, *CITY GOVERNMENT, *ORGANIZATIONAL CHANGE, CITIZEN PARTICIPATION, DECENTRALIZATION, GRIEVANCE PROCEDURES, SOCIAL AGENCIES, SOCIAL PLANNING,

PROPOSED IS THE CREATION OF THREE NEW, INTERDEPENDENT MECHANISMS OF CITY GOVERNMENT--ELECTED DISTRICT COUNCILS, A DIVISION OF SOCIAL PLANNING, AND A BUREAU OF SOCIAL ACCOUNTABILITY. BECAUSE THE FUNCTION OF EACH UNIT IS CLOSELY INTERRELATED THEY SHOULD OPERATE IN CLOSE COLLABORATION. THIS REORGANIZED ADMINISTRATIVE STRUCTURE WOULD BE ABLE TO DEAL EFFECTIVELY WITH THE ISSUES OF DECENTRALIZATION OF SERVICES, MEANINGFUL CITIZEN PARTICIPATION, SOCIAL PLANNING FOR HUMAN SERVICES, ACCOUNTABILITY FOR PUBLIC SERVICES, AND MECHANISMS FOR THE REDRESS OF CITIZEN GRIEVANCES. THIS PAPER WAS PRESENTED IN A SYMPOSIUM ON "HUMAN COMPONENTS IN URBAN PLANNING," NATIONAL CONFERENCE ON SOCIAL WELFARE ANNUAL FORUM (DALLAS, MAY 24, 1967). (NH)

ED 020 996 UD 006 012

CANNON, DOLLY N.

RECRUITING LOW-INCOME FAMILIES FOR FAMILY LIFE EDUCATION PROGRAMS, FOUR REPORTS.

CHILD STUDY ASSN. OF AMERICA INC., NEW YORK, N.Y.

PUB DATE JUL 65

EDRS PRICE MF-$0.25 HC-$1.20 28P.

DESCRIPTORS— *FAMILY LIFE EDUCATION, *FAMILY PLANNING, *LOW INCOME GROUPS, *PARENT EDUCATION, *RECRUITMENT, ADULT EDUCATION, CALIFORNIA, CHILD STUDY ASSOCIATION, COMMUNITY DEVELOPMENT, LOS ANGELES, OAKLAND, PARENT INVOLVEMENT, PARENTS, PLANNED PARENTHOOD FEDERATION, PRESCHOOL CHILDREN, PROGRAM DESCRIPTIONS,

THE FIRST OF THE FOUR REPORTS IN THIS PUBLICATION IS A DISCUSSION OF THE METHODS USED BY THE CHILD STUDY ASSOCIATION TO RECRUIT LOW-INCOME PARENTS FOR ITS FAMILY LIFE EDUCATION PROGRAMS. THE SECOND REPORT IS A DESCRIPTION OF TWO PARENT EDUCATION CLASSES OPERATED BY THE LOS ANGELES PUBLIC SCHOOLS. ONE OF THESE CLASSES IS AN EVENING CLASS FOR PARENTS OF ELEMENTARY SCHOOL CHILDREN AND THE OTHER IS A CHILD OBSERVATION CLASS ATTENDED BY MOTHERS AND THEIR PRESCHOOL CHILDREN ONE MORNING PER WEEK. A THIRD REPORT TELLS OF A BROAD COMMUNITY DEVELOPMENT PROGRAM UNDERTAKEN BY THE OAKLAND, CALIFORNIA, PUBLIC SCHOOLS AND OTHER COMMUNITY AGENCIES. EIGHT SPECIFIC PARENT EDUCATION PROGRAMS IN OAKLAND ARE BRIEFLY DESCRIBED. A DISCUSSION OF SERVICES OFFERED BY THE PLANNED PARENTHOOD FEDERATION IS GIVEN IN THE FOURTH REPORT. THESE FOUR REPORTS WERE PRESENTED AT THE 1964 ANNUAL FORUM OF

NATIONAL CONFERENCE ON SOCIAL WELFARE. THE DOCUMENT IS ALSO AVAILABLE FOR $0.50 FROM THE CHILD STUDY ASSOCIATION OF AMERICA, INC., 9 EAST 89TH STREET, NEW YORK, NEW YORK 10028. (LB)

ED 020 997 UD 006 032

INTER-RACIAL IN-SERVICE PROGRAM DESIGNED TO INCREASE THE EDUCATIONAL OPPORTUNITIES OF THE CHILDREN IN THE RICHMOND PUBLIC SCHOOLS. FINAL REPORT SEPTEMBER 19, 1966-OCTOBER 31, 1967.

RICHMOND PUBLIC SCHOOLS, VA.

PUB DATE 67

GRANT OEG2-7-00068-2021

EDRS PRICE MF-$0.75 HC-$5.36 132P.

DESCRIPTORS— *INSERVICE PROGRAMS, *INSTRUCTIONAL IMPROVEMENT, *INTERGROUP EDUCATION, *LEADERSHIP TRAINING, *SCHOOL PERSONNEL, ADMINISTRATIVE PERSONNEL, CULTURAL AWARENESS, DATA, MATHEMATICS, PROGRAM EVALUATION, PUBLIC RELATIONS, RACE RELATIONS, READING INSTRUCTION, RICHMOND, SCHOOL INTEGRATION, SCIENCES, SOCIAL SCIENCES, SOUTHERN SCHOOLS, SPEECH IMPROVEMENT, SUPERVISORS, TEACHERS, VIRGINIA,

THIS REPORT DESCRIBES AN INTERRACIAL INSERVICE TRAINING PROGRAM FOR ADMINISTRATIVE, SUPERVISORY, AND INSTRUCTIONAL PERSONNEL IN THE RICHMOND, VIRGINIA, PUBLIC SCHOOLS. THE GENERAL OBJECTIVES OF OF THE PROGRAM WERE TO STRENGTHEN INTERRACIAL UNDERSTANDINGS AMONG PARTICIPANTS, TO DEVELOP THEIR LEADERSHIP QUALITIES, AND TO PROVIDE TRAINING IN READING, SPEECH, MATHEMATICS, AND SCIENCE INSTRUCTION. PARTICIPANTS WERE ALSO COUNSELED IN PERSONAL SPEECH IMPROVEMENT. THE OPINIONS OF PROGRAM INSTRUCTORS, PRINCIPALS, AND PARTICIPATING TEACHERS WERE USED TO EVALUATE THE PROGRAM. THEY FELT THAT THE PROGRAM SUCCESSFULLY ACCOMPLISHED ITS OBJECTIVES. INCREASED TEACHER MORALE, A BETTER UNDERSTANDING OF THE TOTAL SCHOOL PROGRAM, AND A MORE EFFICIENT INSTRUCTIONAL PROGRAM WERE ALSO EVIDENT. RECOMMENDATIONS FOR THE READING PROGRAM, OPINIONNAIRES, AND OTHER RELEVANT MATERIAL ARE APPENDED. THE SUPERINTENDENT'S ANNUAL REPORT AND A STAFF NEWS BULLETIN ARE ALSO INCLUDED IN THE REPORT. (LB)

ED 020 998 UD 006 131

PARKER, RONALD K.

ASSESSMENT OF CHILDREN PARTICIPATING IN A COMPREHENSIVE ATTACK ON FAMILIAL POVERTY.

PUB DATE 68

EDRS PRICE MF-$0.25 HC-$0.96 22P.

DESCRIPTORS— *CHILD DEVELOPMENT, *EXPERIMENTAL PROGRAMS, *FAMILY PROGRAMS, *POVERTY PROGRAMS, *PRESCHOOL PROGRAMS, ACHIEVEMENT, DATA COLLECTION, EVALUATION METHODS, FATHERS, FLORIDA, HEALTH PROGRAMS, HOMEMAKING SKILLS, LANGUAGE DEVELOPMENT, MEASUREMENT, PERCEPTUAL DEVELOPMENT, PHYSICAL DEVELOPMENT, PROJECT KNOW HOW, RESEARCH, SOCIAL DEVELOPMENT, STANDARDIZED TESTS,

DESCRIBED ARE THE COMPONENTS OF PROJECT KNOW HOW (PKH), AN OFFICE OF ECONOMIC OPPORTUNITY EXPERIMENTAL PROGRAM. DESIGNED TO ATTACK INDIVIDUAL FAMILIAL POVERTY, PKH INVOLVES A PRESCHOOL TRAINING PROGRAM BEGINNING IN THE FIRST YEAR OF LIFE AND CONTINUING TO SCHOOL AGE, A SALARIED ASSISTING MOTHERS PROGRAM, A FATHER'S PROGRAM, AND A FAMILY HEALTH PROGRAM. RESEARCH AND EVALUATION FEATURES ARE BUILT INTO THE PROJECT AND INCLUDE THE COLLECTION OF PHYSICAL-MEDICAL DATA AND THE ASSESSMENT OF MENTAL-MOTOR, LANGUAGE, AND SOCIAL DEVELOPMENT BY MEANS OF STANDARD TESTS. IT ALSO HAS PLANS FOR MEASURING ACHIEVEMENT AND PERCEPTION. SOME SUPPLEMENTAL MATERIAL ON CHILD DEVELOPMENT AND GUIDANCE AND ON THE BEHAVIORS OF PKH FATHERS IS INCLUDED. THIS PAPER WAS PRESENTED AT THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION, CHICAGO, 1968. (NH)

ED 020 999 UD 006 133

BELL, ROBERT R.

LOWER-CLASS NEGRO MOTHERS AND THEIR CHILDREN.

PUB DATE 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *LOWER CLASS, *MIDDLE CLASS MOTHERS, *NEGRO MOTHERS, *PARENTAL ASPIRATION, *SOCIAL DIFFERENCES, ACADEMIC ASPIRATION, CHILDREN, MARRIAGE, MIDDLE CLASS VALUES, OCCUPATIONAL CHOICE, PERSONAL VALUES,

REPORTED IS A STUDY OF THE ASPIRATIONS OF 202 NEGRO MOTHERS FOR THEIR CHILDREN'S FUTURE. AN INTERVIEW SCHEDULE WAS ADMINISTERED BY TWO NEGRO WOMEN TO FOUR SUBGROUPS OF LOW AND HIGH STATUS MOTHERS. SUBGROUPS WERE DEFINED ON THE BASIS OF EDUCATION AND NUMBER OF CHILDREN. THE ASPIRATION OF THE RESPONDENTS WERE EXAMINED WITHIN THREE CATEGORIES--(1) EDUCATION AND OCCUPATION, (2) MARRIAGE AND PARENTHOOD, AND (3) "AMERICAN DREAM" VALUES. THE DATA WHICH IS PRESENTED FOCUSES ON DIFFERENCES BETWEEN THE LOWEST AND HIGHEST STATUS MOTHERS. OVERALL, THE FINDINGS SUGGESTED THAT EDUCATORS MUST BE AWARE OF THE HETEROGENEITY OF THE LOWER CLASS AND OF THE VARIOUS NONSCHOOL ASPIRATIONAL VALUES THAT INFLUENCE THE CHILDREN OF THIS GROUP. THIS ARTICLE WAS PUBLISHED IN "INTEGRATED EDUCATION," VOLUME 2, NUMBER 6, ISSUE 12, DECEMBER 1964-JANUARY 1965, P. 23-27. (NH)

ED 021 000 UD 006 134

WOLMAN, T.G.

LEARNING EFFECTS OF INTEGRATION IN NEW ROCHELLE.

PUB DATE 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ACADEMIC ACHIEVEMENT, *INTEGRATION EFFECTS, *LOWER CLASS STUDENTS, *TRANSFER STUDENTS, ACHIEVEMENT TESTS, CAUCASIAN STUDENTS, CULTURALLY ADVANTAGED, EDUCATIONAL IMPROVEMENT, FREE CHOICE TRANSFER PROGRAMS, KINDERGARTEN CHILDREN, NEGRO STUDENTS, NEW ROCHELLE, NEW YORK, SCHOOL INTEGRATION, TEST RESULTS,

REPORTED ARE SOME OF THE ACADEMIC EFFECTS OF THE OPTIONAL TRANSFER PLAN IN NEW ROCHELLE, NEW YORK, WHERE STUDENTS FROM A NEGRO ELEMENTARY SCHOOL WERE BUSED TO OTHER SCHOOLS. METROPOLITAN ACHIEVEMENT TEST SCORES OF TRANSFER STUDENTS IN GRADES ONE THROUGH FIVE SHOWED THAT THE MEAN GRADE EQUIVALENTS WERE CONSISTENT WITH GROWTH SCORES FOR NONTRANSFER STUDENTS FROM COMPARABLE SOCIOECONOMIC AND ETHNIC GROUPS. HOWEVER, AT THE FOURTH-GRADE LEVEL, BOTH NEGRO AND WHITE LOWER-CLASS CHILDREN HAD LOWER SCORES THAN UPPER-INCOME WHITE STUDENTS, 80 PERCENT OF WHOM WERE ACHIEVING MORE THAN 2 YEARS ABOVE GRADE LEVEL IN READING. THE MOST POSITIVE EFFECTS OF INTEGRATED SCHOOLING WERE OBSERVED AT THE KINDERGARTEN LEVEL. THE SCORES OF KINDERGARTEN TRANSFER STUDENTS WERE SIGNIFICANTLY HIGHER THAN THOSE OF COMPARABLE NONTRANSFERS. NEW ROCHELLE IS CONTINUING ITS EFFORTS TO IMPROVE THE EDUCATIONAL SITUATION OF STUDENTS WITH SPECIAL LEARNING NEEDS. THIS ARTICLE WAS PUBLISHED IN "INTEGRATED EDUCATION," VOLUME 2, NUMBER 6, ISSUE 12, DECEMBER 1964-JANUARY 1965, P. 30-31. (NH)

ED 021 001 UD 006 135

FANTINI, MARIO D. *WEINSTEIN, GERALD*

INTEGRATION, MANDATE FOR EDUCATIONAL CHANGE.

PUB DATE 64

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *EDUCATIONAL CHANGE, *NORTHERN SCHOOLS, *SCHOOL INTEGRATION, *URBAN SCHOOLS, GROUP GUIDANCE, GROUPING PROCEDURES, INTERGROUP EDUCATION, ORGANIZATIONAL CHANGE, PROGRAMED INSTRUCTION, RACIAL INTEGRATION, TEAM TEACHING, UNGRADED SCHOOLS,

IT IS EMPHASIZED THAT EDUCATORS MUST RECOGNIZE THAT SCHOOL DESEGREGATION IS VALUABLE ONLY AS THE FIRST STEP TOWARD SCHOOL INTEGRATION. ALTHOUGH MANY SCHOOLS AND SCHOOL SYSTEMS HAVE DESEGREGATED, FEW HAVE INTEGRATED TO ANY DEGREE, AND AS AN INEVITABLE RESULT HAVE BEEN RAPIDLY RESEGREGATED. WITHIN THE FRAMEWORK OF THIS ANALYSIS, THE NORTHERN URBAN SCHOOL SITUATION AND THE NEED FOR BASIC STRUCTURAL CHANGE IN THE EDUCATIONAL SYSTEM ARE DISCUSSED. SUGGESTED ARE SUCH SPECIFIC CHANGES AS A DIAGNOSTIC UNGRADED APPROACH, TEAM TEACHING AND PLANNING, PROGRAMMED INSTRUCTION, GROUPING BASED ON PERSONALITY OR STAGES IN INDIVIDUAL DEVELOPMENT, GROUP GUIDANCE, AND INTERGROUP EDUCATION. THIS ARTICLE WAS PUBLISHED IN "INTEGRATED EDUCATION," VOLUME 2, NUMBER 6, ISSUE 12, DECEMBER 1964-JANUARY 1965, P. 31-37. (NH)

ED 021 002 UD 006 136

RABKIN, SOL *HARTMAN, PAUL*

LAW, VOL. 1, NO. 1, JANUARY, 1966.

BNAI BRITH, NEW YORK, N.Y., ANTI-DEFAMATION LEAGUE

PUB DATE JAN 66

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS— *CIVIL RIGHTS LEGISLATION, *EMPLOYMENT PRACTICES, *HOUSING DISCRIMINATION, *PUBLIC FACILITIES, *STATE LAWS, GEOGRAPHIC LOCATION, INTERMARRIAGE, RACIAL DISCRIMINATION, SOCIAL DISCRIMINATION, SURVEYS,

THIS IS THE FIRST ISSUE OF A NEW PUBLICATION WHICH WILL PROVIDE PERIODIC REPORTS ON CIVIL RIGHTS LEGISLATION. IT CONTAINS A 1965 STATE-BY-STATE SUMMARY OF NEW LAWS AND LAWS WHICH HAVE BEEN STRENGTHENED TO FURTHER PROTECT CIVIL RIGHTS. MOST OF THESE LAWS PROHIBIT DISCRIMINATION IN HOUSING, HIRING PRACTICES, AND PUBLIC ACCOMMODATIONS. THE REPORT DOES NOT INCLUDE REFERENCES TO DESEGREGATION IN THE SOUTH OR TO LAWS REPEALING STATE LEGISLATION REQUIRING OR PERMITTING RACIAL SEGREGATION. (LB)

ED 021 003 UD 006 140

COHEN, S. ALAN

SOCIALLY DISADVANTAGED AMERICANS, SLOW LEARNERS.

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *DISADVANTAGED YOUTH, *PSYCHOEDUCATIONAL PROCESSES, *RACIAL DIFFERENCES, *RETARDED READERS, *SOCIAL DIFFERENCES, ECONOMIC DISADVANTAGEMENT, EDUCATIONAL ATTITUDES, EDUCATIONAL RETARDATION, EMOTIONALLY DISTURBED CHILDREN, INTELLIGENCE, LANGUAGE PATTERNS, SOCIAL DISADVANTAGEMENT, STATISTICAL DATA, VISUAL PERCEPTION,

THIS PAPER DOCUMENTS THE GENERAL CONDITIONS OF DISADVANTAGED AMERICANS AND EXAMINES THE PSYCHOEDUCATIONAL PROBLEMS WHICH GROW OUT OF THEM. SPECIFIC STATISTICS ARE REPORTED WHICH DESCRIBE INADEQUATE MEDICAL SERVICES FOR NEGROES, POOR HEALTH, POVERTY LEVEL INCOMES, AND EDUCATIONAL RETARDATION. THE PSYCHOEDUCATIONAL FACTORS DISCUSSED INCLUDE VISUAL PERCEPTION, INTELLIGENCE, WORD ATTACK SKILLS, READING AND ORAL LANGUAGE PATTERNS, AND EMO-

TIONAL STABILITY. THE PAPER CONCLUDES THAT DISADVANTAGED STUDENTS HAVE LESS GENERAL INFORMATION THAN ADVANTAGED CHILDREN AND THAT THERE IS A HIGHER INCIDENCE OF SEVERE VISUAL PERCEPTUAL DYSFUNCTIONS AMONG LOWER-CLASS GROUPS. MOST SIGNIFICANT, HOWEVER, IS THE TREMENDOUS NUMBER OF DISABLED LEARNERS AMONG LOWER-CLASS CHILDREN. AMONG THE REASONS WHY THESE PROBLEMS HAVE NOT YET BEEN SOLVED IS THE POSSIBILITY THAT EDUCATORS ARE RELUCTANT TO RECOGNIZE THE SLUM CHILD'S POTENTIAL ABILITY. ADDITIONALLY, EDUCATORS HAVE NO UNDERSTANDING OF THE METHODS AND MATERIALS NEEDED TO MAKE THE SLUM CHILD LEARN. (LB)

ED 021 004 **UD 006 150**

SOLOMON, DANIEL AND OTHERS

DIMENSIONS OF ACHIEVEMENT-RELATED BEHAVIOR AMONG LOWER-CLASS NEGRO PARENTS.

INSTITUTE FOR JUVENILE RESEARCH, CHICAGO, ILL.

EDRS PRICE MF-$0.25 HC-$1.68 40P.

DESCRIPTORS— *ACHIEVEMENT, *NEGRO STUDENTS, *PARENT CHILD RELATIONSHIP, *PARENT INFLUENCE, *TASK PERFORMANCE, BEHAVIOR RATING SCALES, ENVIRONMENTAL INFLUENCES, EXPERIMENTS, FACTOR ANALYSIS, FACTOR STRUCTURE, FAMILY ENVIRONMENT, FATHERS, GRADE 5, LOWER CLASS PARENTS, NEGRO MOTHERS, SEX DIFFERENCES, TABLES (DATA), THOUGHT PROCESSES,

A STUDY OF ACHIEVEMENT-RELATED BEHAVIOR SOUGHT TO IDENTIFY PARENT BEHAVIOR AS A SOURCE OF VARIANCE WITHIN A HOMOGENEOUS GROUP OF CHILDREN. SUBJECTS WERE 72 SETS OF NEGRO PARENTS OF FIFTH-GRADE CHILDREN IN A PREDOMINANTLY LOWER-CLASS NEGRO SCHOOL. THE INTERACTIONS OF PARENTS AND CHILD AS THE YOUNGSTER SOLVED EIGHT TASKS WERE OBSERVED IN THE HOME BY TWO INVESTIGATORS. THE TASKS INVOLVED VERBAL VS. NONVERBAL RESPONSES, AND "CONVERGENT" AND "DIVERGENT" THINKING. PARENTAL BEHAVIOR IN HELPING THE CHILD WITH THE PROBLEMS WAS MEASURED BY RATING SCALES SCORED INDEPENDENTLY BY EACH OF THE OBSERVERS. ANALYSIS OF DATA ISOLATED A DIFFERENT FACTOR STRUCTURE FOR MOTHERS AND FATHERS AS WELL AS DIFFERENCES IN THE PATTERNING OF RELATIONSHIPS BETWEEN COMPARATIVE FACTORS. THE SEX OF THE CHILD APPEARED TO BE AN IMPORTANT DETERMINANT IN THE RELATIONSHIP BETWEEN MOTHER FACTORS BUT NOT BETWEEN FATHER FACTORS. IT WAS ALSO FOUND THAT THE RELATIONSHIP BETWEEN THE CONDITION OF THE APARTMENT AND FACTOR SCORES WERE CONDITIONED BY THE SEX OF THE PARENT AND THE SEX OF THE CHILD, AND THAT THE LEVEL OR SCORE ON SOME OF THE FACTORS WAS SIGNIFICANTLY INFLUENCED BY THE CHILD'S SEX. THESE FINDINGS APPEAR TO SUPPORT THE IDEA THAT "SITUATION IS A SIGNIFICANT DETERMINANT OF FACTOR STRUCTURE" FOR CERTAIN KINDS OF FACTORS. (NH)

ED 021 005 **UD 006 283**

INTEGRATION AND THE SCHOOLS, A STATEMENT OF POLICY AND RECOMMENDATIONS. POSITION PAPER NO. 3.

STATE UNIV. OF N.Y., ALBANY
NEW YORK STATE EDUCATION DEPT., ALBANY
PUB DATE JAN 68

EDRS PRICE MF-$0.25 HC-$0.60 13P.

DESCRIPTORS— *POLICY, *SCHOOL INTEGRATION, *STATE DEPARTMENTS OF EDUCATION, BOARD OF EDUCATION POLICY, EDUCATIONAL EQUALITY, EDUCATIONAL FINANCE, EDUCATIONAL OBJECTIVES, INSERVICE PROGRAMS, INTEGRATION METHODS, INTERDISTRICT POLICIES, MULTICULTURAL TEXTBOOKS, NEW YORK, PRESERVICE EDUCATION, RACIAL BALANCE, SCHOOL DISTRICTS, SCHOOL ORGANIZATION, SCHOOL REDISTRICTING,

THIS POSITION PAPER REAFFIRMS THE DETERMINATION OF THE REGENTS OF THE UNIVERSITY OF THE STATE OF NEW YORK TO ELIMINATE RACIAL SEGREGATION IN THE SCHOOLS OF THE STATE. TOWARD THIS OBJECTIVE, A SET OF GUIDING PRINCIPLES ARE OFFERED FOR USE IN THE DEVELOPMENT OF LOCAL POLICIES AND PLANS. THIRTEEN RECOMMENDATIONS FOR ATTAINING INTEGRATED EDUCATION INCLUDE (1) ESTABLISHING SCHOOL ATTENDANCE AREAS THAT ARE BASED ON A CROSS-SECTION OF A SCHOOL DISTRICT'S POPULATION, (2) DEVELOPING A DISTRICT PLAN FOR RACIAL BALANCE, AND (3) EMPHASIZING THE INITIATION OF ANTI-SEGREGATION STEPS BY OTHER PUBLIC AND PRIVATE AGENCIES. ALSO RECOMMENDED ARE INTERDISTRICT COOPERATION TO BE FACILITATED BY LEGISLATION AND INCREASED APPROPRIATIONS FOR SCHOOL FINANCING. IN ADDITION, TEACHING MATERIALS SHOULD REFLECT THE CULTURAL AND ETHNIC DIVERSITY OF AMERICAN LIFE, AND PRESERVICE AND INSERVICE TRAINING IN THE SPECIAL REQUIREMENTS OF INTEGRATION SHOULD BE OFFERED FOR ALL WHO ARE CONCERNED WITH THE SCHOOLS. THE ELIMINATION OF SCHOOL SEGREGRATION IS CONSIDERED A NECESSITY IF EDUCATIONAL OBJECTIVES ARE TO BE ACHIEVED. (NH)

ED 021 006 **UD 006 291**

ORNSTEIN, ALLAN C.

WHO ARE THE DISADVANTAGED.

PUB DATE APR 66

EDRS PRICE MF-$0.25 HC-$0.52 11P.

DESCRIPTORS— *DISADVANTAGED YOUTH, *ECONOMIC DISADVANTAGEMENT, *EDUCATIONAL DISADVANTAGEMENT, *SELF ESTEEM, *SOCIAL DISADVANTAGEMENT, FAMILY LIFE, HYGIENE, LIMITED EXPERIENCE, RACIAL DISCRIMINATION,

THIS ARTICLE DISCUSSES SOME SPECIFIC ASPECTS OF THE INDIVIDUAL, SOCIAL, ENVIRONMENTAL, PARENTAL AND HYGIENIC DEPRIVATIONS OF DISADVANTAGED YOUTH. ALSO NOTED ARE DEPRIVATIONS THAT RESULT FROM RACE, CONSTRICTED EXPERIENCE, AND EDUCATIONAL HANDICAPS. EDUCATION IS CONSIDERED THE MOST IMPORTANT MEANS OF BREAKING THROUGH THE COMPLEX CYCLE OF POVERTY AND DEPRIVATION. THIS ARTICLE WAS PUBLISHED IN THE "JOURNAL OF SECONDARY EDUCATION," VOLUME 41, NUMBER 4, APRIL 1966. (NH)

ED 021 007 **UD 006 361**

CLEMENTS, H. MILLARD

CITIES AND SCHOOLS.

PUB DATE OCT 67

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *EDUCATIONAL NEEDS, *RURAL URBAN DIFFERENCES, *URBAN EDUCATION, *URBAN SCHOOLS, CITY PLANNING CULTURAL PLURALISM, CITY PROBLEMS, CURRICULUM DEVELOPMENT, DECENTRALIZATION, EDUCATIONAL INNOVATION, INSTRUCTIONAL MATERIALS, PUBLIC EDUCATION, URBAN ENVIRONMENT, URBAN TEACHING, VALUES,

THIS DISCUSSION OF URBAN EDUCATION BRIEFLY ANALYZES THE OPERATIONAL FRAMEWORK OF LARGE CITIES AND SCHOOLS. IT IS FELT THAT THE PRESENT EDUCATIONAL SYSTEM, WHICH PROVIDES ONLY ONE FORM OF EDUCATION FOR ALL PUPILS, INCONGRUOUSLY REFLECTS THE ADHERENCE TO ESTABLISHED VALUES, LIMITED OPPORTUNITY FOR CHOICE, AND GENERAL ROUTINIZATION WHICH ARE CHARACTERISTIC OF SMALL TOWN SCHOOLS. IF URBAN SCHOOLS ARE TO BE MEANINGFUL, THEY MUST PRESERVE THE BASIC FREEDOMS AND AMENITIES OF CITY LIFE. EDUCATORS IN LARGE CITIES SHOULD ENCOURAGE EDUCATIONAL DIVERSITY AND INDEPENDENT THINKING, AND BE WILLING TO TAKE RISKS. CURRICULUM MATERIAL SHOULD BE AUTHENTIC AND ACCURATE. OTHER INNOVATIONS MIGHT INCLUDE THE DECENTRALIZATION OF CITY SCHOOLS AND THE CONSTRUCTION OF EDUCATIONAL PARKS WHICH WOULD OFFER A VARIETY OF EDUCATIONAL OPPORTUNITIES. THIS ARTICLE WAS PUBLISHED IN "PHI DELTA KAPPAN," VOLUME 49, NUMBER 2, OCTOBER 1967. (NH)

ED 021 008 **UD 006 373**

BROUDY, HARRY S.

WHAT CAN THE SCHOOL SAY ABOUT HUMAN RIGHTS.

PUB DATE MAY 66

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *CIVIL RIGHTS, *HUMAN DIGNITY, *SCHOOL ROLE, DEMOCRACY, PHILOSOPHY, SCIENTIFIC METHODOLOGY,

THIS ARTICLE DISCUSSES HUMAN RIGHTS AND THE SCHOOLS' EFFORTS TO TEACH STUDENTS ABOUT THEM. "RIGHTS" ARE WHAT RATIONAL BEINGS PERCEIVE AS PART OF THEIR HUMAN NATURE AND ARE A CONCOMITANT OF THE ABILITY TO THIMK AND IMAGINE. TO BE COMPLETELY HUMAN, MAN MUST STIVE TO ACHIEVE OR MAINTAIN THESE RIGHTS. HOWEVER, SCHOOLS ARE SOMEWHAT HINDERED IN THEIR EFFORTS TO TEACH RIGHTS BY THEIR FEAR OF PHILOSOPHICAL ABSOLUTES AND BY SOCIETY'S OBVIOUS FLOUTING OF THESE RIGHTS. NEVERTHELESS, IN TEACHING ABOUT THEM SCHOOLS MIGHT CAPITALIZE ON THE RESPECT WHICH MANY PEOPLE HOLD FOR HUMAN RIGHTS AND ON A CONSENSUS AMONG SCHOLARS ON THE MEANING OF HUMANITY. THIS ARTICLE WAS PUBLISHED IN THE "PHI DELTA KAPPAN," VOLUME 47, NUMBER 9, MAY 1966. (NH)

ED 021 009 **UD 006 374**

LIEBERMAN, MYRON

THE CIVIL RIGHTS FIASCO IN PUBLIC EDUCATION, DESEGREGATION SINCE 1964.

PUB DATE MAY 66

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *FEDERAL LAWS, *GUIDELINES, *LAW ENFORCEMENT, *RACIAL DISCRIMINATION, *SCHOOL INTEGRATION, CIVIL RIGHTS ACT OF 1964 TITLE 6, CIVIL RIGHTS LEGISLATION, FEDERAL AID, FREE CHOICE TRANSFER PROGRAMS, INTEGRATION PLANS, NEGRO TEACHERS, OFFICE OF EDUCATION, SCHOOL DISTRICTS, SOUTHERN SCHOOLS, TOKEN INTEGRATION,

THIS ARTICLE CRITICIZES THE U.S. OFFICE OF EDUCATION'S (USOE) "INEFFECTIVE" ENFORCEMENT OF SCHOOL DESEGREGATION AS REQUIRED UNDER THE 1964 CIVIL RIGHTS ACT, TITLE VI, AND THE DISCRIMINATORY DISTRIBUTION OF FEDERAL AID TO EDUCATION. IT IS FELT THAT DESPITE THE NONDISCRIMINATION REQUIREMENTS OF SECTION 601 OF THE TITLE FEDERAL AID TO EDUCATION OFTEN "BLATANTLY" DISCRIMINATES AGAINST NEGRO STUDENTS. THE GUIDELINES FOR COMPLIANCE WITH TITLE VI, ISSUED IN APRIL 1965, ARE SAID TO BE INADEQUATE. LATER GUIDELINES (1966) ATTEMPTED TO CORRECT THE FAILURES OF THE FIRST SET IN ORDER TO ENFORCE COMPLIANCE. HOWEVER, IT STILL APPEARS THAT ENFORCEMENT IS HAMPERED BY THE PROCEDURES REQUIRED FOR TERMINATING FINANCIAL ASSISTANCE TO SCHOOL SYSTEMS IN VIOLATION OF THE GUIDELINES. LACK OF A USOE ENFORCEMENT STAFF AND VACILLATION AT THE POLICY AND DECISION-MAKING LEVELS FURTHER DELAY THE DESEGREGATION MANDATED BY TITLE VI. MOREOVER, SINCE TITLE VI IS NOT SELF-ENFORCING, LOCAL ACTION ON A BROAD SCALE WILL BE NEEDED TO IMPLEMENT IT. THIS ARTICLE WAS PUBLISHED IN THE "PHI DELTA KAPPAN," VOLUME 47, NUMBER 9, MAY 1966. (NH)

ED 021 010 **UD 006 375**

MEANY, GEORGE

SCHOOLS–AND DIGNITY–FOR ALL.

PUB DATE MAY 66

EDRS PRICE MF-$0.25 HC-$0.16 2P.

DESCRIPTORS— *EDUCATIONAL RESPONSIBILITY, *NONCOLLEGE PREPARATORY STUDENTS, *VOCATIONAL EDUCATION, EDUCATIONAL DISCRIMINATION, EDUCATIONAL EQUALITY, EDUCATIONAL NEEDS, HUMAN DIG-

NITY, SEMISKILLED OCCUPATIONS, SKILLED OCCUPATIONS, UNSKILLED OCCUPATIONS,

AMERICAN EDUCATION MUST RECOGNIZE AND ESTEEM THE TWO-THIRDS OF THE HIGH SCHOOL POPULATION WHO ARE NOT COLLEGE BOUND. SOCIETY NEEDS AND WILL CONTINUE TO NEED SKILLED, UNSKILLED, AND SEMISKILLED CRAFTSMEN AND WORKERS. TO TRAIN THE NONACADEMIC STUDENTS FOR WORK AND TO EMPHASIZE THE DIGNITY OF LABOR, SCHOOLS SHOULD PROVIDE A VARIETY OF EDUCATIONAL ALTERNATIVES TO A STRICTLY ACADEMIC CURRICULUM. THIS ARTICLE WAS PUBLISHED IN THE "PHI DELTA KAPPAN," VOLUME 47, NUMBER 9, MAY 1966. (NH)

ED 021 011 UD 006 376

BILLINGS, THOMAS A.

EDUCATION'S STAKE IN THE CIVIL RIGHTS MOVEMENT, A PERSONAL TESTIMONIAL AND PLAN TO COLLEAGUES.

PUB DATE MAY 66

EDRS PRICE MF-$0.25 HC-$0.24 4P.

DESCRIPTORS— *CIVIL RIGHTS, *EDUCATIONAL RESPONSIBILITY, DEMOCRATIC VALUES, GOVERNMENT ROLE,

AS A MAJOR SOCIAL INSTITUTION THE SCHOOLS ARE RESPONSIBLE FOR ACCEPTING THE "MONUMENTAL" CHALLENGES POSED BY THE CIVIL RIGHTS MOVEMENT. IN RECENT YEARS TRENDS WITHIN THE WHITE ESTABLISHMENT HAVE UNDERMINED HUMAN DIGNITY AND EQUALITY. FOR EXAMPLE, ESTABLISHMENT-CONTROLLED ENFORCEMENT OF THE CIVIL RIGHTS BILL HAS MADE IT ONLY A SYMBOL OF WHAT IS HOPED FOR IN ACTUALITY. AMERICAN EDUCATION MUST PROVIDE CITIZENS WITH KNOWLEDGE AS THE NECESSARY PRECONDITION FOR A DIGNIFIED HUMAN EXISTENCE. THIS ARTICLE WAS PUBLISHED IN THE "PHI DELTA KAPPAN," VOLUME 47, NUMBER 9, MAY 1966. (NH)

ED 021 012 UD 006 377

WEY, HERBERT W.

DESEGREGATION AND INTEGRATION.

PUB DATE MAY 66

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS— *EDUCATIONAL PROBLEMS, *SCHOOL INTEGRATION, *SOUTHERN STATES, COMMUNITY ATTITUDES, DATA COLLECTION, EDUCATIONAL FINANCE, FACULTY INTEGRATION, HIGHER EDUCATION, INSTRUCTIONAL INNOVATION, INTEGRATION METHODS, NEGRO STUDENTS, NEGRO TEACHERS, SELF CONCEPT, STUDENT ABILITY, STUDENT EVALUATION, TEACHER ATTITUDES, TEACHER QUALIFICATIONS,

THIS ARTICLE IS A GENERAL REVIEW OF VARIOUS ASPECTS OF SCHOOL DESEGREGATION AND INTEGRATION IN THE DEEP SOUTH. IT POINTS OUT THAT THERE HAS BEEN LITTLE SCIENTIFIC AND OBJECTIVE INQUIRY INTO SOUTHERN DESEGREGATION. INFORMATION IS NEEDED ABOUT NEGRO STUDENTS AND TEACHERS IN BIRACIAL SCHOOLS, STUDENT AND TEACHER ATTITUDES IN SEGREGATED AND DESEGREGATED SCHOOLS, TRAINING FOR TEACHING THE DISADVANTAGED, INSTRUCTIONAL INNOVATIONS, USE OF EVALUATION INSTRUMENTS IN DESEGREGATED SCHOOLS, AND THE FINANCIAL PROBLEMS OF DESEGREGATED SCHOOL SYSTEMS. THE ACADEMIC SUCCESS OF STUDENTS OF BOTH RACES IN DESEGREGATED SCHOOLS SHOULD ALSO BE DOCUMENTED. OTHER TOPICS DESCRIBED AS REQUIRING FURTHER STUDY ARE COMMUNITY ATTITUDES TOWARDS DESEGREGATION, ADMINISTRATIVE LEADERSHIP IN THE DESEGREGATION PROCESS, AND THE USE OF NEGRO FACILITIES AFTER SEGREGATED SCHOOLS ARE CLOSED. THIS ARTICLE WAS PUBLISHED IN THE "PHI DELTA KAPPAN," VOLUME 47, NUMBER 9, MAY 1966. (NH)

ED 021 013 UD 006 378

SOLOMON, BENJAMIN

A PERSPECTIVE FOR EDUCATORS ON THE RACIAL ISSUE IN EDUCATION.

PUB DATE MAY 66

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *DEFACTO SEGREGATION, *EDUCATIONAL DISCRIMINATION, *EDUCATIONAL RESPONSIBILITY, *SCHOOL INTEGRATION, EDUCATIONAL ATTITUDES, EDUCATIONAL EQUALITY, EDUCATIONAL OBJECTIVES, FACULTY INTEGRATION, NEGRO STUDENTS, RACIAL SEGREGATION, RACISM, SCHOOL ROLE, SCHOOL SEGREGATION, TEACHER ATTITUDES,

THIS ARTICLE REVIEWS THE PATTERNS OF PREJUDICE AND DE FACTO SEGREGATION MAINTAINED BY THE SCHOOLS. IT IS FELT THAT THERE MUST BE CHANGES IN ALL ASPECTS OF THE EDUCATIONAL PROCESS TO ACHIEVE FULL SCHOOL INTEGRATION. AREAS NEEDING CHANGE INCLUDE ADMINISTRATIVE ARRANGEMENTS, CURRICULUM BIAS, AND THE LOW LEVEL OF TEACHERS' EXPECTATIONS AND STANDARDS FOR NEGRO CHILDREN. DE FACTO SEGREGATION PERPETUATES THE MYTH OF RACIAL INFERIORITY, PSYCHOLOGICALLY DAMAGES NEGROES, DEGRADES THE EDUCATIONAL PROCESS FOR BOTH RACES, AND SUBVERTS PROFESSIONAL VALUES. THE SCHOOLS' POSTURE OF ACCOMODATION OR NEUTRALITY IS DESTRUCTIVE BECAUSE IT PERPETUATES THE STATUS QUO. IF SCHOOL SYSTEMS WERE TO TAKE MAJOR STEPS TOWARD INTEGRATION, DE FACTO SEGREGATION IN THE COMMUNITY WOULD ALSO BE WEAKENED. THIS ARTICLE WAS PUBLISHED IN THE "PHI DELTA KAPPAN," VOLUME 47, NUMBER 9, MAY 1966. (NH)

ED 021 014 UD 006 408

BRADDOCK, CLAYTON

WHAT'S GOING ON IN THE LAB SCHOOLS.

PUB DATE MAY 68

EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *LABORATORY SCHOOLS, *TEACHER EDUCATION, *TEACHERS COLLEGES, DISADVANTAGED YOUTH, EDUCATIONAL IMPROVEMENT, MIDDLE CLASS NORM, PRESERVICE EDUCATION,

THE PURPOSES AND ACCOMPLISHMENTS OF SOME OF THE STATE-SUPPORTED LABORATORY SCHOOLS RUN BY TEACHER TRAINING INSTITUTIONS ARE CURRENTLY BEING CRITICIZED. DOUBTS ARE BEING RAISED ABOUT THE USEFULNESS TO FUTURE TEACHERS OF THESE CAMPUS-TIED, PREDOMINANTLY WHITE MIDDLE-CLASS SCHOOLS BECAUSE MANY EDUCATION STUDENTS WILL BE TEACHING DISADVANTAGED PUPILS IN GHETTO SCHOOLS. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 9, MAY 1968. (NH)

ED 021 015 UD 006 409

INNER-CITY SCHOOLS ARE ONE BIG LAB.

SOUTHERN EDUCATION REPORTING SER., NASHVILLE, TENN

PUB DATE M AY6 8

EDRS PRICE MF-$0.25 HC-$0.16 2P.

DESCRIPTORS— *COLLEGE SCHOOL COOPERATION, *PRESERVICE EDUCATION, *SLUM SCHOOLS, *TEACHER EDUCATION, *TEACHERS COLLEGES, INNER CITY, PENNSYLVANIA, PHILADELPHIA, STUDENT TEACHING METHODS COURSES, TEACHING ASSIGNMENT, TEMPLE UNIVERSITY,

DISCUSSED ARE THE MUTUAL BENEFITS FOR PHILADELPHIA'S INNER-CITY SCHOOLS AND TEMPLE UNIVERSITY'S COLLEGE OF EDUCATION WHICH ARE DERIVED FROM THE VARIOUS TEACHER TRAINING PROGRAMS WHICH USE THE SCHOOLS AS A LABORATORY. METHODS COURSES AND STUDENT TEACHING TAKE PLACE IN GHETTO SCHOOLS AT BOTH THE ELEMENTARY AND SECONDARY LEVELS. ABOUT 80 PERCENT OF THE ELEMENTARY SCHOOL TEACHER TRAINEES WILL BE APPOINTED TO PHILADELPHIA SCHOOLS. THE DIRECT EXPERIENCE OF RECEIVING PRESERVICE TRAINING IN THESE SCHOOLS IS SAID TO BE AN IMPORTANT FACTOR IN THE SCHOOLS' POWER TO KEEP THE PROSPECTIVE TEACHERS. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 9, MAY 1968. (NH)

ED 021 016 UD 006 410

A SLUM-AREA SCHOOL FACES ITS PROBLEMS WITH A DIFFERENCE.

SOUTHERN EDUCATION REPORTING SER., NASHVILLE, TENN

PUB DATE MAY 68

EDRS PRICE MF-$0.25 HC-$0.16 2P.

DESCRIPTORS— *COLLEGE SCHOOL COOPERATION, *LABORATORY SCHOOLS, *SLUM SCHOOLS, *TEACHERS COLLEGES, CHANGING ATTITUDES, DISADVANTAGED YOUTH, ELEMENTARY SCHOOLS, ESEA TITLE 3, FEDERAL AID, INNER CITY, NEGRO STUDENTS, NEW JERSEY, PRESERVICE EDUCATION, PUERTO RICANS, TEACHER EDUCATION, TEACHER EDUCATORS, TRENTON STATE COLLEGE,

AN ELEMENTARY SCHOOL IN A SLUM AREA SERVES AS A TEACHING LABORATORY FOR EDUCATION STUDENTS AT TRENTON STATE COLLEGE (TSC). WITH FINANCING FROM TITLE III OF THE ELEMENTARY AND SECONDARY EDUCATION ACT, THIS SCHOOL-COLLEGE COOPERATIVE PROGRAM HAS INTRODUCED DEMONSTRATION TEACHERS, NEW CLASSROOM TEACHERS, TEACHING AIDES, A BILINGUAL TEACHER, AND VARIOUS ANCILLARY PERSONNEL TO A SCHOOL WHOSE REGISTER IS 90 PERCENT NEGRO AND 8 PERCENT PUERTO RICAN. THERE HAS BEEN A NOTICEABLE INCREASE IN PARENT PARTICIPATION IN SCHOOL ACTIVITIES AND A DECREASE IN VANDALISM SINCE THE INCEPTION OF THE PROGRAM. TSC IS ALSO INVOLVED IN OTHER PROGRAMS FOR THE EDUCATION OF THE DISADVANTAGED. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 9, MAY 1968. (NH)

ED 021 017 UD 006 411

BARD, BERNARD

A PLACE TO START.

PUB DATE MAY 68

EDRS PRICE MF-$0.25 HC-$0.28 5P.

DESCRIPTORS— *AFTER SCHOOL TUTORING, *COMMUNITY ACTION, *STUDY CENTERS, BASIC SKILLS, EAST HARLEM NEIGHBORHOOD STUDY CLUB, FEDERAL AID, NEIGHBORHOOD YOUTH CORPS, NEW YORK CITY, PRIVATE FINANCIAL SUPPORT, PROFESSIONAL PERSONNEL, READING IMPROVEMENT, STUDENT IMPROVEMENT, VISTA, VOLUNTEERS,

DESCRIBED ARE THE EFFORTS OF THE EAST HARLEM COMMUNITY AND A NEW YORK CITY PHILANTHROPIST TO REOPEN THE EAST HARLEM NEIGHBORHOOD STUDY CLUB, A STOREFRONT CENTER PROVIDING STUDY FACILITIES, HOMEWORK HELP, AND INSTRUCTION IN BASIC SKILLS. THE CLUB IS STAFFED BY VOLUNTEERS AND PAID PROFESSIONALS, WITH ADDITIONAL HELP FROM VISTA AND THE NEIGHBORHOOD YOUTH CORPS. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 9, MAY 1968. (NH)

ED 021 018 UD 006 413

LEESON, JIM

DESEGREGATING FACULTIES.

PUB DATE MAY 68

EDRS PRICE MF-$0.25 HC-$0.20 3P.

DESCRIPTORS— *FACULTY INTEGRATION, *FEDERAL COURT LITIGATION, *INTEGRATION LITIGATION, *SOUTHERN STATES, ALABAMA, ARKANSAS, LOUISIANA, MISSISSIPPI,

REVIEWED ARE VARIOUS LEGAL DECISIONS IN FEDERAL COURTS FOR TEACHER DESEGREGATION IN SOUTHERN SCHOOLS. THE COURTS HAVE STATED THEIR ORDERS FOR FACULTY DESEGREGATION IN RATHER GENERAL TERMS OR SET A STANDARD OF ONE OR TWO TEACHERS WHOSE RACE IS DIFFERENT FROM THE MAJORITY AT A GIVEN SCHOOL. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 9, MAY 1968. (NH)

ED 021 019 UD 006 414

LEESON, JIM

TITLE IV, THE "HELP" PROGRAM IS EXPANDED.

PUB DATE MAY 68

EDRS PRICE MF-$0.25 HC-$0.16 2P.
DESCRIPTORS— *FEDERAL LAWS, *GOVERNMENT ROLE, *SCHOOL INTEGRATION, *SOUTHERN STATES, *TECHNICAL ASSISTANCE, CIVIL RIGHTS ACT OF 1964 TITLE 4, CIVIL RIGHTS LEGISLATION, FEDERAL AID, INTEGRATION PLANS, OFFICE OF EDUCATION, PROGRAM ADMINISTRATION,
THE ADMINISTRATION BY THE U.S. OFFICE OF EDUCATION OF THE COMPLIANCE PROGRAM OF THE CIVIL RIGHTS ACT OF 1964 HAS BEEN REORGANIZED. UNDER NEW GUIDELINES GREATER STRESS HAS BEEN PUT ON TECHNICAL ASSISTANCE AVAILABLE UNDER TITLE IV OF THE ACT. BUDGET AND STAFF HAVE BEEN INCREASED, AND A NEW DIRECTOR HAS BEEN APPOINTED WHO ALSO ACTS AS LIAISON WITH THE ADMINISTRATORS OF OTHER U.S. OFFICE OF EDUCATION PROGRAMS. THE TITLE IV PROGRAM OPERATES BY REQUEST ONLY FROM SCHOOL DISTRICTS OR STATE AGENCIES WHICH ASK FOR HELP WITH DESEGREGATION PROBLEMS. THIS ARTICLE WAS PUBLISHED IN THE "SOUTHERN EDUCATION REPORT," VOLUME 3, NUMBER 9, MAY 1968. (NH)

ED 021 020 UD 006 415
SEARLS, LAURA G.
INNOVATIVE PROGRAMS IN WESTERN NEW YORK SCHOOLS.
WESTERN NEW YORK SCHOOL STUDY COUNCIL, BUFFALO
PUB DATE JUN 67
EDRS PRICE MF-$0.50 HC-$3.80 93P.
DESCRIPTORS— *EDUCATION PROGRAMS, *EDUCATIONAL INNOVATION, *PUBLIC SCHOOLS, *RURAL SCHOOLS, EDUCATIONAL ADMINISTRATION, ELEMENTARY EDUCATION, NEW YORK, SCHOOL DISTRICTS, SECONDARY EDUCATION, SPECIAL EDUCATION, STAFF UTILIZATION, TEACHERS,
REPORTED ARE 338 NEW PROGRAMS AND OUTSTANDING PRACTICES IN SCHOOL DISTRICTS IN WESTERN NEW YORK. THE BRIEF REPORTS ARE PRESENTED UNDER THE RUBRICS OF ADMINISTRATION, TEACHER UTILIZATION, ELEMENTARY EDUCATION, SECONDARY EDUCATION, PROGRAMS AT BOTH LEVELS, AND SPECIAL EDUCATION. IT IS POINTED OUT THAT THREE-QUARTERS OF THE PROGRAMS ARE FEDERALLY FUNDED. (NH)

ED 021 021 UD 006 416
METROPOLITAN SHARING, A SURVEY OF PRESENT PRACTICES AND ATTITUDES IN THE SCHOOLS OF THE NIAGARA FRONTIER. A REPORT FROM PROJECT INNOVATION.
STATE UNIV. OF N.Y., BUFFALO, DEPT.OF EDUC. ADMIN.
PUB DATE AUG 67
EDRS PRICE MF-$0.25 HC-$1.16 27P.
DESCRIPTORS— *COOPERATIVE EDUCATION, *EDUCATIONAL EQUALITY, *INTERDISTRICT POLICIES, *SCHOOL SURVEYS, ATTITUDES, BOARDS OF EDUCATION, CHIEF ADMINISTRATORS, ERIE COUNTY, METROPOLITAN AREAS, NEW YORK, NIAGARA COUNTY, OPINIONS, PROJECT INNOVATION, SCHOOL DISTRICTS, TABLES (DATA), TEACHER ASSOCIATIONS,
PROJECT INNOVATION SURVEYED THE RANGE OF INTERDISTRICT COOPERATION AMONG THE SCHOOLS OF THE NIAGARA FRONTIER OF NEW YORK STATE. IT WAS FOUND THAT THERE WAS EXTENSIVE SHARING OF SERVICES IN METROPOLITAN AREAS TO REDUCE COSTS, TO COMPLY WITH LEGAL REQUIREMENTS, AND TO PROVIDE QUALITY EDUCATION TO STUDENTS WITH SPECIAL NEEDS. INTERVIEWS WITH LOCAL SCHOOL ADMINISTRATORS IN 34 DISTRICTS, BOARD OF EDUCATION PRESIDENTS, TEACHERS ASSOCIATION PRESIDENTS, AND OTHER SCHOOL LEADERS SHOWED THAT MOST RESPONDENTS FAVORED THE ADVANTAGES OF SHARING. THERE WAS A GENERAL RELUCTANCE, HOWEVER, TO SHARE METROPOLITAN PROGRAMS AIMED AT REDUCING ECONOMIC, RACIAL, AND SOCIAL CLASS INEQUALITIES IN EDUCATIONAL OPPORTUNITIES. SCHOOL OFFICIALS APPEARED TO FAVOR THE BROADEST DEFINITION OF SHARING WITHIN THE CONTEXT OF EFFICIENCY AND ECONOMY FOR THEIR DISTRICTS. (NH)

ED 021 022 VT 000 031
SUTTON, MACK C.
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, INSTRUCTOR'S GUIDE.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE FEB 61
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ANSWER KEYS, *ELECTRICAL OCCUPATIONS, *ELECTRICITY, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,
THIS GUIDE FOR TEACHER USE IN DIRECTING INDIVIDUAL STUDY OF BASIC ELECTRICAL FUNDAMENTALS IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. THE UNIT OBJECTIVE IS TO DEVELOP AN UNDERSTANDING OF ALTERNATING CURRENT FUNDAMENTALS. EACH OF THE 16 INSTRUCTOR'S SHEETS GIVES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, REFERENCES, SUPPLEMENTARY INFORMATION, EXAMPLES, AND STEP-BY-STEP SOLUTIONS OF THE STUDENT ASSIGNMENT SHEET PROBLEMS. FOR ADDITIONAL APPLICATION OF THE INFORMATION, THREE DEMONSTRATION SHEETS FOR CONDUCTING EXPERIMENTS ARE INCLUDED. TWO REQUIRED AND THREE RECOMMENDED BOOKS TO PROVIDE SUPPLEMENTARY INFORMATION ARE LISTED. THREE VERSIONS OF THE MIDCOURSE AND THE FINAL TESTS ARE GIVEN WITH STEP-BY-STEP PROBLEM SOLUTIONS. THE SUGGESTED TIME ALLOTMENT IS 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE ASSIGNMENTS FOR UNIT 4 ARE AVAILABLE AS VT 000 314. THIS COURSE IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284 - VT 000 287, VT 000 308 - VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 023 VT 000 284
SUTTON, MACK C.
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. BASIC CONTROL FUNCTIONS, UNIT 9A.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE SEP 64
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ELECTRONIC CONTROLS, *ELECTRONIC TECHNICIANS, *PROGRAMED TEXTS, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,
THIS SELF-INSTRUCTIONAL PROGRAMED TEXT IS FOR INDIVIDUAL STUDENT USE IN STUDYING STATIC CONTROL IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS AND HAS BEEN TESTED BY STUDENT USE. THE OBJECTIVE OF THE COURSE IS TO HELP THE ELECTRICAL-TECHNICIAN DEVELOP AN UNDERSTANDING OF STATIC CONTROL FUNCTIONS. THE MATERIAL IS DIVIDED INTO FUNDAMENTAL IDEAS AND LANGUAGE OF CONTROL FUNCTIONS, THE LOGIC OF CONTROL FUNCTIONS, AND STATIC CONTROL ELEMENTS. THE LESSONS WITHIN EACH SECTION PROVIDE THE LESSON SUBJECT, PURPOSE, INFORMATION, AND EXERCISES. THE MATERIAL IS PROGRAMED USING A FOUR-STEP LESSON PLAN, SUBJECT, PURPOSE, INFORMATION, AND EXERCISES, AND FOLDOUTS PROVIDE ELECTRICAL DIAGRAMS AND ILLUSTRATIONS. ANSWERS TO THE EXERCISES ARE GIVEN AT THE END OF EACH SECTION. ALL OF THE NECESSARY INFORMATION IS INCLUDED IN THE TEXT. THE STUDENTS SHOULD BE ELECTRICAL TECHNICIANS EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES AND SHOULD HAVE A COMPREHENSION OF RELAY CIRCUITS AND ELECTRICAL AND MAGNETIC FUNDAMENTALS. THIS UNIT IS ONE OF A SERIES DEVELOPED FOR AN ELECTRICAL-ELECTRONIC PROGRAM. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR OTHER UNITS ARE AVAILABLE AS VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $5.40 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 024 VT 000 285
SUTTON, MACK C.
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS. UNIT 9 B, ASSIGNMENTS.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE AUG 63
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ELECTRONIC CONTROLS, *ELECTRONIC TECHNICIANS, *STUDY GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,
THIS GUIDE IS FOR INDIVIDUAL STUDENT USE IN STUDYING STATIC CONTROL IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. THE UNIT OBJECTIVE IS TO DEVELOP AN UNDERSTANDING OF THE PRINCIPLES OF MAGNETIC AMPLIFIER OPERATION. EACH OF THE 12 ASSIGNMENT SHEETS CONTAINS THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, STUDY REFERENCES, AND QUESTIONS. SOME OF THE LESSONS ARE (1) MAGNETIC THEORY, (2) THE SATURABLE REACTOR, (3) CASCADING AND BIASING, (4) BASIC FUNCTIONS OF MAGNETIC AMPLIFIERS, AND (5) MAGNETIC AMPLIFIER LOGICAL ELEMENTS. THE LESSONS ARE KEYED TO A REQUIRED TEXTBOOK. THREE EXPERIMENT SHEETS PROVIDE FOR ADDITIONAL APPLICATION OF THE INFORMATION. THE MATERIAL IS TO BE USED UNDER TEACHER DIRECTION FOR 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE INSTRUCTOR'S GUIDE (VT 000 286) PROVIDES STEP-BY-STEP SOLUTIONS TO THE ASSIGNMENT SHEET AND TEST PROBLEMS. THE UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.25 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 025 VT 000 286
SUTTON, MACK C.
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9B, INSTRUCTOR'S GUIDE.

TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE AUG 63
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ANSWER KEYS, *ELECTRONIC CONTROLS, *ELECTRONIC TECHNICIANS, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,
THIS GUIDE IS FOR TEACHER USE IN DIRECTING INDIVIDUAL STUDENT STUDY OF STATIC CONTROL IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. THE UNIT OBJECTIVE IS TO DEVELOP AN UNDERSTANDING OF MAGNETIC AMPLIFIERS. EACH OF THE 12 INSTRUCTOR'S SHEETS GIVES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, REFERENCES, AND STEP-BY-STEP SOLUTIONS TO THE STUDENT ASSIGNMENT SHEET PROBLEMS. THE LESSONS ARE KEYED TO A REQUIRED TEXTBOOK, MALI, "MAGNETIC AMPLIFIERS" (JOHN F. RIDER PUBLISHERS, INC.). THREE DEMONSTRATION SHEETS PROVIDE FOR ADDITIONAL APPLICATION OF INFORMATION. THE SUGGESTED TIME ALLOTMENT IS 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THREE VERSIONS OF THE MID-COURSE AND FINAL TESTS ARE GIVEN WITH STEP-BY-STEP PROBLEM SOLUTIONS. THE ASSIGNMENTS FOR UNIT 9B ARE AVAILABLE AS VT 000 285. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.25 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 026 **VT 000 287**
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. REMOTE CONTROL BY INDUSTRIAL TELEMETRY. UNIT 9C.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE JUL 65
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ELECTRONIC CONTROLS, *ELECTRONIC TECHNICIANS, *PROGRAMED TEXTS, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,
THIS SELF-INSTRUCTIONAL PROGRAMED TEXT IS FOR STUDENT USE IN STUDYING INDUSTRIAL TELEMETRY CONTROL SYSTEMS IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS AND TESTED BY STUDENT USE. THE MATERIAL IS DIVIDED INTO FUNDAMENTAL IDEAS AND LANGUAGE OF INDUSTRIAL TELEMETRY AND THE LOGIC OF THE DIGITAL TRANSCEIVER. THE LESSONS WITHIN EACH SECTION PROVIDE THE LESSON SUBJECT, PURPOSE, INFORMATION, AND EXERCISES. THE MATERIAL IS PROGRAMED USING A FOUR-STEP LESSON PLAN, SUBJECT, PURPOSE, INFORMATION, AND EXERCISE, AND FOLDOUTS PROVIDE ELECTRICAL DIAGRAMS AND ILLUSTRATIONS. ANSWERS TO THE EXERCISES ARE GIVEN AT THE END OF EACH SECTION. ALL OF THE NECESSARY INFORMATION IS INCLUDED IN THE TEXT. THE STUDENTS SHOULD BE ELECTRICAL TECHNICIANS EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES, AND SHOULD HAVE A COMPREHENSION OF ELECTRICAL AND MAGNETIC FUNDAMENTALS. THIS UNIT IS PART OF A SERIES DEVELOPED FOR AN ELECTRICAL-ELECTRONIC PROGRAM. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR OTHER UNITS ARE VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $6.40 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 027 **VT 000 308**
SUTTON, MACK C. *WYKES, MURRAY L.*
BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, ASSIGNMENTS.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE JUN 65
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ELECTRICAL OCCUPATIONS, *STUDY GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION, PRACTICAL MATHEMATICS,
THIS GUIDE IS FOR INDIVIDUAL STUDENT USE IN STUDYING BASIC MATHEMATICS IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. EACH OF THE 19 ASSIGNMENT SHEETS PROVIDES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, STUDY REFERENCES, DIRECTIONS, AND PROBLEMS. THE LESSONS, KEYED TO THREE TEXTBOOKS, START WITH WHOLE NUMBERS AND COMMON FRACTIONS AND PROGRESS TO TRIGONOMETRIC FUNCTIONS AND LOGARITHMS. THE PROBLEMS ARE DESIGNED FOR APPLICATION IN LATER LESSONS ON ELECTRICAL THEORY. THE MATERIAL IS TO BE USED BY THE INDIVIDUAL STUDENT UNDER TEACHER DIRECTION FOR 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE INSTRUCTOR'S GUIDE (VT 000 309) PROVIDES STEP-BY-STEP SOLUTIONS TO THE ASSIGNMENT SHEET AND TEST PROBLEMS. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND THE INSTRUCTOR'S GUIDE FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONICS PROGRAM ARE AVAILABLE AS VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 028 **VT 000 309**
SUTTON, MACK C. *WYKES, MURRAY L.*
BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, INSTRUCTOR'S GUIDE.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE SEP 60
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ANSWER KEYS, *ELECTRICAL OCCUPATIONS, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION, PRACTICAL MATHEMATICS,
THIS GUIDE IS FOR TEACHER USE IN DIRECTING INDIVIDUAL STUDENT STUDY OF BASIC MATHEMATICS IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. EACH OF THE 19 INSTRUCTOR'S SHEETS GIVE THE LESSON SUBJECT, REFERENCES, AND A STEP-BY-STEP SOLUTION OF THE STUDENT ASSIGNMENT SHEET PROBLEMS. THE LESSONS, KEYED TO THREE TEXTBOOKS, START WITH WHOLE NUMBERS AND COMMON FRACTIONS AND PROGRESS TO TRIGONOMETRIC FUNCTIONS AND LOGARITHMS. THREE VERSIONS OF THE MID-COURSE AND THE FINAL TESTS ARE GIVEN WITH STEP-BY-STEP PROBLEM SOLUTIONS. THE SUGGESTED TIME ALLOTMENT FOR THE UNIT IS 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE ASSIGNMENTS FOR UNIT 1 ARE AVAILABLE AS VT 000 308. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 029 **VT 000 310**
SUTTON, MACK C.
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, ASSIGNMENTS.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE JUL 50
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ELECTRICAL OCCUPATIONS, *ELECTRICITY, *STUDY GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,
THIS GUIDE IS FOR INDIVIDUAL STUDENT USE IN STUDYING BASIC ELECTRICAL FUNDAMENTALS IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. THE COURSE OBJECTIVE IS TO DEVELOP AN UNDERSTANDING OF DIRECT CURRENT FUNDAMENTALS. EACH OF THE 15 ASSIGNMENT SHEETS PROVIDES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, STUDY REFERENCES, DIRECTIONS, AND PROBLEMS. SOME OF THE LESSONS ARE (1) BASIC ELECTRICAL THEORY, (2) SERIES CIRCUITS, (3) ELECTRICAL POWER MEASUREMENT, (4) BATTERIES AND ELECTROLYTIC ACTION, AND (5) MAGNETS AND MAGNETISM. FOR ADDITIONAL APPLICATION OF THE INFORMATION, SIX EXPERIMENTS ARE INCLUDED. FOUR REQUIRED BOOKS AND ONE RECOMMENDED BOOK TO PROVIDE SUPPLEMENTARY INFORMATION ARE LISTED. THE MATERIAL IS TO BE USED BY THE INDIVIDUAL STUDENT UNDER TEACHER DIRECTION FOR 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE INSTRUCTOR'S GUIDE (VT 000 311) PROVIDES STEP-BY-STEP SOLUTIONS TO THE ASSIGNMENT SHEET AND TEST PROBLEMS. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284 - VT 000 287, VT 000 308 - VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 030 **VT 000 311**
SUTTON, MACK C.

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, INSTRUCTOR'S GUIDE.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE MAY 61
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ANSWER KEYS, *ELECTRICAL OCCUPATIONS, *ELECTRICITY, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,

THIS GUIDE IS FOR TEACHER USE IN DIRECTING INDIVIDUAL STUDENT STUDY OF BASIC ELECTRICAL FUNDAMENTALS IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. THE COURSE OBJECTIVE IS TO DEVELOP AN UNDERSTANDING OF DIRECT CURRENT FUNDAMENTALS. EACH OF THE 15 INSTRUCTOR'S SHEETS GIVE THE LESSON SUBJECT, REFERENCES, AND A STEP-BY-STEP SOLUTION OF THE STUDENT ASSIGNMENT SHEET PROBLEMS. FOR ADDITIONAL INFORMATION APPLICATION, SIX DEMONSTRATION SHEETS FOR CONDUCTING EXPERIMENTS ARE INCLUDED. FOUR REQUIRED BOOKS AND ONE RECOMMENDED BOOK TO PROVIDE SUPPLEMENTARY INFORMATION ARE LISTED. THREE VERSIONS OF THE MID-COURSE AND THE FINAL TESTS ARE GIVEN WITH STEP-BY-STEP PROBLEM SOLUTIONS. THE SUGGESTED TIME ALLOTMENT FOR THE UNIT IS 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE ASSIGNMENTS FOR UNIT 2 ARE AVAILABLE AS VT 000 310. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 031 VT 000 312
SUTTON, MACK C.
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, ASSIGNMENTS.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE OCT 60
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ELECTRICAL OCCUPATIONS, *ELECTRICITY, *STUDY GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,

THIS GUIDE IS FOR INDIVIDUAL STUDENT USE IN STUDYING BASIC ELECTRICAL FUNDAMENTALS IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. THE COURSE OBJECTIVE IS TO DEVELOP AN UNDERSTANDING OF DIRECT CURRENT FUNDAMENTALS. EACH OF THE 10 ASSIGNMENT SHEETS PROVIDES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, STUDY REFERENCES, EXAMPLES, AND PROBLEMS. SOME OF THE LESSONS ARE (1) OPERATION OF DIRECT-CURRENT GENERATORS, (2) D-C MOTORS, (3) TEST INSTRUMENTS, (4) INDUCTANCE, AND (5) CAPACITANCE. THE LESSONS ARE KEYED TO TWO TEXTBOOKS. THE SUGGESTED TIME ALLOTMENT FOR THE UNIT IS 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE INSTRUCTOR'S GUIDE (VT 000 313) PROVIDES STEP-BY-STEP SOLUTIONS TO THE ASSIGNMENT SHEET AND TEST PROBLEMS. THE UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284 - VT 000 287, VT 000 308 - VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 032 VT 000 313
SUTTON, MACK C.
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, INSTRUCTOR'S GUIDE.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE OCT 60
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ANSWER KEYS, *ELECTRICAL OCCUPATIONS, *ELECTRICITY, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,

THIS GUIDE IS FOR TEACHER USE IN DIRECTING INDIVIDUAL STUDY OF BASIC ELECTRICAL FUNDAMENTALS IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. THE COURSE OBJECTIVE IS TO DEVELOP AN UNDERSTANDING OF DIRECT CURRENT FUNDAMENTALS. EACH OF THE 10 INSTRUCTOR'S SHEETS GIVES THE LESSON SUBJECT, REFERENCES, EXAMPLES, AND STEP-BY-STEP SOLUTIONS OF THE STUDENT ASSIGNMENT SHEET PROBLEMS. THE LESSONS ARE KEYED TO TWO TEXTBOOKS. THREE VERSIONS OF THE FINAL TEST ARE GIVEN WITH STEP-BY-STEP PROBLEM SOLUTIONS. THE SUGGESTED TIME ALLOTMENT FOR THE UNIT IS 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE STUDY GUIDE FOR UNIT 3 IS AVAILABLE AS VT 000 312. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 033 VT 000 314
SUTTON, MACK C.
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, ASSIGNMENTS.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE FEB 61
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ELECTRICAL OCCUPATIONS, *ELECTRICITY, *STUDY GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,

THIS GUIDE IS FOR INDIVIDUAL STUDENT USE IN STUDYING BASIC ELECTRICAL FUNDAMENTALS IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. THE COURSE OBJECTIVE IS TO DEVELOP AN UNDERSTANDING OF ALTERNATING CURRENT FUNDAMENTALS. EACH OF THE 16 ASSIGNMENT SHEETS PROVIDES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, STUDY REFERENCES, DIRECTIONS, EXAMPLES, AND PROBLEMS. SOME OF THE LESSONS ARE (1) A-C CIRCUITS CONTAINING RESISTANCE ONLY, (2) REACTIONS IN A-C CIRCUITS, (3) RESONANCE IN PARALLEL A-C CIRCUITS, (4) POWER IN A-C CIRCUITS, AND (5) ROTATING MAGNETIC FIELDS. FOR ADDITIONAL APPLICATION OF THE INFORMATION, THREE EXPERIMENTS ARE INCLUDED. TWO REQUIRED AND FOUR RECOMMENDED BOOKS TO PROVIDE SUPPLEMENTARY INFORMATION ARE LISTED. THE MATERIAL IS TO BE USED BY THE INDIVIDUAL STUDENT UNDER TEACHER DIRECTION FOR 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE INSTRUCTOR'S GUIDE (VT 000 315) PROVIDES STEP-BY-STEP SOLUTIONS TO THE ASSIGNMENT SHEET AND TEST PROBLEMS. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 034 VT 000 316
SUTTON, MACK C.
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, ASSIGNMENTS.
TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE SEP 61
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *ELECTRIC MOTORS, *ELECTRICAL OCCUPATIONS, *ELECTRONIC CONTROLS, *STUDY GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,

THIS GUIDE IS FOR INDIVIDUAL STUDENT USE IN STUDYING ALTERNATING CURRENT CONVENTIONAL MAGNETIC MOTOR CONTROL IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. EACH OF THE 10 ASSIGNMENT SHEETS PROVIDES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, STUDY REFERENCES, SUPPLEMENTARY INFORMATION, AND PROBLEMS . FOR ADDITIONAL APPLICATION OF THE INFORMATION, TWO EXPERIMENTS ARE INCLUDED. SOME OF THE LESSONS ARE (1) CONTROL RELAYS, (2) CONTROL DEVICES, (3) ELECTRONIC CONTROL CIRCUIT DEVICES, (4) RESISTORS AND RHEOSTATS, AND (5) MECHANICAL DESIGN OF CONTROLLERS. THE LESSONS ARE KEYED TO TWO REQUIRED BOOKS AND FIVE OTHER BOOKS ARE LISTED FOR SUPPLEMENTARY INFORMATION. THE MATERIAL IS TO BE USED BY THE INDIVIDUAL STUDENT UNDER TEACHER DIRECTION FOR 40 CLASSROOM HOURS. THE TEACHERS SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE INSTRUCTOR'S GUIDE (VT 000 317) PROVIDES STEP-BY-STEP SOLUTIONS TO THE ASSIGNMENT SHEET AND TEST PROBLEMS. THIS

UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH ROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284 - VT 000 287, VT 000 308 - VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $2.75 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 035 VT 000 317

SUTTON, MACK C.

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, INSTRUCTOR'S GUIDE.

TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE SEP 61
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ELECTRIC MOTORS, *ELECTRICAL OCCUPATIONS, *ELECTRONIC CONTROLS, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, ANSWER KEYS, INDIVIDUAL INSTRUCTION,

THIS GUIDE IS FOR TEACHER USE IN DIRECTING INDIVIDUAL STUDY OF ALTERNATING CURRENT CONVENTIONAL MAGNETIC MOTOR CONTROL IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. EACH OF THE 10 INSTRUCTOR'S SHEETS GIVES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, REFERENCES, AND STEP-BY-STEP SOLUTIONS OF THE STUDENT ASSIGNMENT SHEET PROBLEMS. FOR ADDITIONAL APPLICATION OF THE INFORMATION, TWO DEMONSTRATION SHEETS FOR CONDUCTING EXPERIMENTS ARE INCLUDED. TWO REQUIRED BOOKS AND FIVE RECOMMENDED BOOKS TO PROVIDE SUPPLEMENTARY INFORMATION ARE LISTED. THREE VERSIONS OF THE MIDCOURSE AND FINAL TESTS ARE GIVEN WITH STEP-BY-STEP PROBLEM SOLUTIONS. THE SUGGESTED TIME ALLOTMENT FOR THE UNIT IS 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE ASSIGNMENTS FOR UNIT 5 ARE AVAILABLE AS VT 000 316. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284 - VT 000 287, VT 000 308 - VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $2.75 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 036 VT 000 318

SUTTON, MACK C.

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, ASSIGNMENTS.

TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE MAY 62
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ELECTRIC MOTORS, *ELECTRICAL OCCUPATIONS, *ELECTRONIC CONTROLS, *STUDY GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,

THIS STUDY GUIDE IS FOR INDIVIDUAL STUDENT USE IN STUDYING ALTERNATING CURRENT CONVENTIONAL MAGNETIC MOTOR CONTROL IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. EACH OF THE 10 ASSIGNMENT SHEETS PROVIDES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, STUDY REFERENCES, SUPPLEMENTARY INFORMATION, AND PROBLEMS. SOME OF THE LESSONS ARE (1) SQUIRREL CAGE MOTOR CONTROL, (2) ACCELERATION OF WOUND ROTOR MOTORS, (3) SYNCHRONOUS MOTOR CONTROL, (4) CONTROL CIRCUIT APPLICATIONS, AND (5) LOGIC FUNCTION CIRCUIT DESIGN. THE LESSONS ARE KEYED TO TWO REQUIRED TEXTBOOKS, AND FOUR BOOKS ARE RECOMMENDED FOR SUPPLEMENTARY INFORMATION. THE MATERIAL IS TO BE USED BY THE INDIVIDUAL STUDENT UNDER TEACHER DIRECTION FOR 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE INSTRUCTOR'S GUIDE (VT 000 319) PROVIDES STEP-BY-STEP SOLUTIONS TO THE ASSIGNMENT SHEET AND TEST PROBLEMS. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOURS UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284 - VT 000 287, VT 000 308 - VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $2.75 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 037 VT 000 319

SUTTON, MACK C.

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, INSTRUCTOR'S GUIDE.

TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE MAY 62
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ELECTRIC MOTORS, *ELECTRICAL OCCUPATIONS, *ELECTRONIC CONTROLS, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, ANSWER KEYS, INDIVIDUAL INSTRUCTION,

THIS GUIDE IS FOR TEACHER USE IN DIRECTING INDIVIDUAL STUDY OF ALTERNATING CURRENT CONVENTIONAL MAGNETIC MOTOR CONTROL IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. EACH OF THE 10 INSTRUCTOR'S SHEETS GIVES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, REFERENCES, SUPPLEMENTARY INFORMATION, AND STEP-BY-STEP SOLUTIONS OF THE STUDENT ASSIGNMENT SHEET PROBLEMS. TWO REQUIRED BOOKS AND FOUR BOOKS FOR SUPPLEMENTARY INFORMATION ARE LISTED. THREE VERSIONS OF THE MIDCOURSE AND FINAL TESTS ARE GIVEN WITH STEP-BY-STEP PROBLEM SOLUTIONS. THE SUGGESTED TIME ALLOTMENT FOR THE UNIT IS 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE ASSIGNMENTS FOR UNIT 6 ARE AVAILABLE AS VT 000 318. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284 - VT 000 287, VT 000 308 - VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $2.75 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 038 VT 000 320

SUTTON, MACK C.

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, ASSIGNMENTS.

TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE SEP 62
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ELECTRIC MOTORS, *ELECTRICAL OCCUPATIONS, *ELECTRONIC CONTROLS, *STUDY GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, INDIVIDUAL INSTRUCTION,

THIS GUIDE IS FOR INDIVIDUAL STUDENT USE IN STUDYING DIRECT CURRENT MAGNETIC MOTOR CONTROL IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS. EACH OF THE 15 ASSIGNMENT SHEETS PROVIDES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, STUDY REFERENCES, AND PROBLEMS. SOME OF THE LESSONS ARE (1) DIRECT-CURRENT CONTACTORS, (2) D-C BRAKES AND SOLENOIDS, (3) CHARACTERISTICS AND ACCELERATION OF SHUNT MOTORS, (4) HOIST CONTROLLERS FOR SERIES MOTORS, (5) ROTATING AMPLIFIER CONTROL, AND (6) DIRECT-CURRENT CONTROL CIRCUIT APPLICATIONS. THE LESSONS ARE KEYED TO TWO REQUIRED TEXTBOOKS, AND FIVE BOOKS TO PROVIDE SUPPLEMENTARY INFORMATION ARE LISTED. THE MATERIAL IS TO BE USED BY THE INDIVIDUAL STUDENT UNDER TEACHER DIRECTION FOR 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE INSTRUCTOR'S GUIDE (VT 000 321) PROVIDES STEP-BY-STEP SOLUTIONS TO THE ASSIGNMENT SHEET AND TEST PROBLEMS. THE UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284-VT 000 287, VT 000 308-VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 039 VT 000 321

SUTTON, MACK C.

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, INSTRUCTOR'S GUIDE.

TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE SEP 62
DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *ELECTRIC MOTORS, *ELECTRICAL OCCUPATIONS, *ELECTRONIC CONTROLS, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, ANSWER KEYS, INDIVIDUAL INSTRUCTION,

THIS GUIDE IS FOR TEACHER USE IN DIRECTING INDIVIDUAL STUDY OF DIRECT CURRENT MAGNETIC MOTOR CONTROL IN ELECTRICAL-ELECTRONIC PROGRAMS. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERI-

ALS SPECIALIST AND ADVISERS. EACH OF THE 15 INSTRUCTOR'S SHEETS GIVES THE LESSON SUBJECT, PURPOSE, INTRODUCTORY INFORMATION, REFERENCES, AND STEP-BY-STEP SOLUTIONS OF THE STUDENT ASSIGNMENT SHEET PROBLEMS. TWO REQUIRED TEXTBOOKS AND FIVE BOOKS FOR SUPPLEMENTARY INFORMATION ARE LISTED. THREE VERSIONS OF THE MIDCOURSE AND FINAL TESTS ARE GIVEN WITH STEP-BY-STEP PROBLEM SOLUTIONS. THE SUGGESTED TIME ALLOTMENT FOR THE UNIT IS 40 CLASSROOM HOURS. THE TEACHER SHOULD HAVE THE NORMAL EDUCATION REQUIRED OF ELECTRICAL-ELECTRONIC INSTRUCTORS, AND THE STUDENTS WILL USUALLY BE EMPLOYED IN THE ELECTRICAL-ELECTRONIC INDUSTRIES. THE ASSIGNMENTS FOR UNIT 7 ARE AVAILABLE AS VT 000 320. THIS UNIT IS PART OF A SERIES OF 30- TO 40-HOUR UNITS WHICH PROGRESS THROUGH BASIC MATHEMATICS, BASIC ELECTRICITY, CONVENTIONAL MOTOR CONTROLS, BASIC ELECTRONICS, ADVANCED ELECTRONICS, AND STATIC ELECTRONIC CONTROLS. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE VARIOUS UNITS IN THE ELECTRICAL-ELECTRONIC PROGRAM ARE AVAILABLE AS VT 000 284 - VT 000 287, VT 000 308 - VT 000 321, AND VT 005 507. THIS DOCUMENT IS AVAILABLE FOR $3.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 040 8 VT 002 573

PRIDE OF PERFORMANCE SURVEY. FINAL REPORT.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.

REPORT NUMBER BR-6-3046

PUB DATE 67

GRANT OEG-4-7-063046-1612

EDRS PRICE MF-$0.25 HC-$0.40 8P.

DESCRIPTORS— *EDUCATIONAL TELEVISION, *PROGRAM EFFECTIVENESS, *PROGRAM EVALUATION, *VOCATIONAL EDUCATION, PRIDE OF PERFORMANCE, QUESTIONNAIRES, STATE SURVEYS, STUDENT REACTION, UTAH,

OF 1,100 QUESTIONNAIRES SUBMITTED TO RANDOMLY SELECTED VOCATIONAL AGRICULTURE STUDENTS, 394 OR 36 PERCENT WERE RETURNED TO PROVIDE INFORMATION FOR EVALUATING THE EFFECTIVENESS OF AN EDUCATIONAL TELEVISION PROGRAM, "PRIDE OF PERFORMANCE," DESIGNED TO ENHANCE THE IMAGE OF VOCATIONAL EDUCATION AND TO EVOKE GREATER STUDENT PARTICIPATION IN VOCATIONAL EDUCATION PROGRAMS. IT WAS PREDICATED THAT THE MOST FAVORABLE RESULTS WOULD BE FOUND AMONG THE SELECT GROUP OF VOCATIONAL EDUCATION STUDENTS AND THEIR PARENTS. HENCE, IF RESULTS WERE NOT FAVORABLE, THEN OTHER GROUPS WOULD YIELD EVEN MORE NEGATIVE RESULTS. SOME FINDINGS WERE--(1) OF 304 RESPONDENTS, 79 PERCENT HAD NEVER VIEWED THE TELEVISION PROGRAM, (2) OF 258 RESPONDENTS, 41 PERCENT DID NOT RECEIVE THE PROGRAM ON THEIR TELEVISION SET, (3) OF 233 RESPONDENTS, 14 (6 PERCENT) REPORTED THAT THE PROGRAM CAUSED THEM TO PLAN TO TAKE MORE VOCATIONAL COURSES, AND (4) OF 237 RESPONDENTS, 31 (13 PERCENT) SAID THEIR OPINION OF VOCATIONAL OCCUPATIONS IMPROVED AS A RESULT OF SEEING THE PROGRAM. IT WAS RECOMMENDED THAT VOCATIONAL DIRECTORS AND VOCATIONAL TEACHERS BE CALLED UPON TO INTEGRATE THE PROGRAM INTO THE OVERALL CURRICULUM, A WIDE TELEVISION RECEPTION CAPABILITY BE SOUGHT, THE TELEVISION PROGRAM'S FORMAT BE ALTERED TO MAKE IT MORE PALATABLE AND INSTRUCTIONAL, AND IF RECOMMENDATIONS COULD NOT BE CARRIED OUT, THE PROGRAM BE DISCONTINUED. THE PROGRAM WAS DISCONTINUED, AND A REPLACEMENT WAS TO BE CONSIDERED. (SL)

ED 021 041 08 VT 002 727

STEPHENS, JOHN F.

ANALYSIS OF QUESTIONNAIRE COMPLETED BY UTAH VOCATIONAL DIRECTORS.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.

REPORT NUMBER BR-6-3046

PUB DATE JUL 67

GRANT OEG-4-7-063046-1612

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS— *ADMINISTRATOR ROLE, *VOCATIONAL DIRECTORS, *VOCATIONAL EDUCATION, ADMINISTRATIVE ORGANIZATION, ADMINISTRATOR ATTITUDES, LEADERSHIP TRAINING, PROGRAM EVALUATION, PROGRAM PLANNING, QUESTIONNAIRES, SCHOOL DISTRICTS, SURVEYS,

A QUESTIONNAIRE, DESIGNED TO DISCOVER WAYS IN WHICH THE STATE STAFF COULD PROVIDE MORE EFFECTIVE SUPPORT TO LOCAL VOCATIONAL DIRECTORS AND PREPARED BY THE RESEARCH COORDINATING UNIT AT THE REQUEST OF THE STATE ADMINISTRATOR FOR VOCATIONAL AND TECHNICAL EDUCATION, WAS DISTRIBUTED TO VOCATIONAL DIRECTORS IN A SUMMER WORKSHOP. CONCLUSIONS BASED ON 20 RESPONSES AND DISCUSSIONS WITH INDIVIDUAL DIRECTORS INDICATED THAT ONE OF THE BETTER WAYS TO DEVELOP THE EXPERIENCE OF DIRECTORS IN ALL ASPECTS OF THEIR DUTIES IS FOR THE STATE OFFICE PERSONNEL TO WORK WITH, OR THROUGH, THEM IN ALL MATTERS PERTAINING TO THEIR DISTRICTS. THE DIRECTOR WILL THEN BE ABLE TO FACILITATE PROGRAM EXPANSION AND THE IMPROVEMENT OF QUALITY WHILE RETAINING CONTROL AND DIRECTION. THE ANNUAL SUMMER WORKSHOP IS VERY IMPORTANT TO DIRECTORS FOR UPDATING THEIR KNOWLEDGE IN VOCATIONAL AND TECHNICAL EDUCATION. RECOMMENDATIONS WERE THAT (1) STATE SPECIALISTS DEAL WITH, OR THROUGH, VOCATIONAL DIRECTORS OR DISTRICT SUPERINTENDENTS ON ALL MATTERS PERTAINING TO THE DISTRICTS, (2) THE AGENDA FOR THE SUMMER WORKSHOP FOR THE DIRECTORS BECOME THE RESPONSIBILITY OF THE STATE ADMINISTRATOR FOR VOCATIONAL AND TECHNICAL EDUCATION, AND (3) A FINAL ATTEMPT TO ENCOURAGE THE DISSEMINATION OF THE RESULTS OF THE PEABODY STUDY BE MADE IN WRITING TO DISTRICT SUPERINTENDENTS. (HC)

ED 021 042 08 VT 002 801

SURVEY OF COMMERCIAL ARTS CURRICULUM. FINAL REPORT.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.

REPORT NUMBER BR-6-3046

PUB DATE 66

GRANT OEG-4-7-063046-1612

EDRS PRICE MF-$0.25 HC-$1.52 36P.

DESCRIPTORS— *COLLEGE CURRICULUM, *COMMERCIAL ART, *POST SECONDARY EDUCATION, *PROGRAM DESCRIPTIONS, *VOCATIONAL EDUCATION, ASSOCIATE DEGREES, CURRICULUM RESEARCH, SURVEYS,

SEVENTEEN SCHOOLS THROUGHOUT THE UNITED STATES WERE SURVEYED TO DETERMINE THE NATURE AND TYPE OF COURSES REQUIRED IN POST-SECONDARY, NONBACCALAUREATE DEGREE PROGRAMS IN COMMERCIAL ART AND TO DEVELOP MATERIAL WHICH WOULD BE HELPFUL IN PLANNING SUCH A CURRICULUM. THE LENGTH OF THE PROGRAMS VARIED FROM 2 YEARS (SEVEN SCHOOLS) TO 5 YEARS (ONE SCHOOL). MAJOR DIFFERENCES BETWEEN PROGRAMS WERE A MATTER OF DEGREE RATHER THAN A MATTER OF THE KINDS OF COURSE OFFERINGS. IT WAS CONCLUDED THAT ASSOCIATE DEGREE PROGRAMS DID NOT OFFER THE SAME AMOUNT OF ART TRAINING AS WAS OFFERED IN 2 YEARS AT AN ART SCHOOL. PRIVATE OR ART SCHOOLS WERE GENERALLY NOT IN FAVOR OF A 2-YEAR COMMERCIAL ART PROGRAM, AND 2-YEAR UTAH PROGRAMS WERE NOT AS COMPREHENSIVE AS PROGRAMS IN OUT-OF-STATE PRIVATE ART SCHOOLS. THE INFORMATION GATHERED FROM THE SCHOOLS IS PRESENTED IN DESCRIPTIVE AND OUTLINE FORM. (EM)

ED 021 043 VT 002 803

BENTLEY, RALPH R. REMPEL, AVERNO M.

VOCATIONAL AGRICULTURE TEACHER MORALE STUDY--A COMPARISON OF SELECTED FACTORS IN SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "HIGH" WITH SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "LOW".

PURDUE UNIV., LAFAYETTE, IND., DIV. OF EDUCATION

PUB DATE FEB 63

EDRS PRICE MF-$0.25 HC-$2.12 51P.

DESCRIPTORS— *STUDENT ATTITUDES, *TEACHER MORALE, *VOCATIONAL AGRICULTURE TEACHERS, ACADEMIC APTITUTDE, ANALYSIS OF VARIANCE, FACTOR ANALYSIS, STUDENT PROBLEMS, TEACHER CHARACTERISTICS,

A STUDY WAS UNDERTAKEN TO DETERMINE WHETHER DIFFERENCES EXISTED WITH RESPECT TO STUDENT ATTITUDE TOWARD THEIR TEACHER, FEELINGS ABOUT SCHOOL WORK PROBLEMS, AND ACADEMIC APTITUDE BETWEEN VOCATIONAL AGRICULTURE DEPARTMENTS IN WHICH TEACHER MORALE WAS HIGH AND THOSE IN WHICH TEACHER MORALE WAS LOW. THE TEACHER SAMPLE INCLUDED 21 WITH THE HIGHEST MORALE AND 21 WITH THE LOWEST MORALE OF 263 INDIANA VOCATIONAL AGRICULTURE TEACHERS WHO RESPONDED TO THE PURDUE TEACHER MORALE INVENTORY. DIFFERENCES IN TEACHER GROUP CHARACTERISTICS WERE AGE, EDUCATION, EXPERIENCE, ASSIGNMENT, TENURE, SALARY, SATISFACTION, AND OPTIMISM. THERE WAS SIGNIFICANT DIFFERENCE BETWEEN THE TWO GROUPS' RESPONSE TO THE VOCATIONAL AGRICULTURE VIEWPOINT INQUIRY, BUT NONE BETWEEN THE HIGH SCHOOL PRINCIPALS OF THE TWO GROUPS. THE MINNESOTA STUDENT ATTITUDE INVENTORY (MSAI), SCIENCE RESEARCH ASSOCIATE (SRA) YOUTH INVENTORY, AND THE LORGE-THORNDIKE INTELLIGENCE TEST WERE ADMINISTERED TO THE AGRICULTURE STUDENTS OF TEACHERS IN THE SAMPLE. DATA SUBJECTED TO AN ANALYSIS OF VARIANCE AND A FACTORIAL DESIGN SHOWED THAT MASI SCORES WERE HIGHEST FOR STUDENTS WITH HIGH IQ OF TEACHERS WITH HIGH MORALE. NO SIGNIFICANT DIFFERENCES WERE FOUND BETWEEN STUDENTS OF HIGH MORALE AND THOSE OF LOW MORALE TEACHERS ON MEAN SRA SCORES, BUT DIFFERENCES RELATED TO THE RURAL-URBAN FACTOR AND GRADE LEVEL WERE FOUND. THE IQ LEVEL PLAYED AN IMPORTANT ROLE IN ALL COMPARISONS. (JM)

ED 021 044 VT 002 823

FEDERAL-STATE PROGRAMS FOR DEVELOPING HUMAN RESOURCES.

FEDERAL EXTENSION SERVICE (DOA), WASHINGTON, D.C.

PUB DATE APR 65

EDRS PRICE MF-$0.50 HC-$4.60 113P.

DESCRIPTORS— *DEVELOPMENTAL PROGRAMS, *FEDERAL PROGRAMS, *HUMAN RESOURCES, *STATE PROGRAMS, COMMUNITY PLANNING, ECONOMIC DEVELOPMENT, EDUCATIONAL PROGRAMS, EMPLOYMENT PROGRAMS, EMPLOYMENT SERVICES, EXTENSION AGENTS, HEALTH PROGRAMS, PUBLIC HOUSING, RESOURCE GUIDES,

COUNTY AND STATE EXTENSION WORKERS MAY USE THESE FACT SHEETS FOR 35 FEDERAL-STATE PROGRAMS IN SIX MAJOR AREAS OF HUMAN RESOURCES DEVELOPMENT TO ACQUAINT THEMSELVES AND THEIR COMMUNITIES WITH PROGRAM PROVISIONS AND ELIGIBILITY REQUIREMENTS. THE PROGRAMS ARE CLASSIFIED AS (1) COMMUNITY PLANNING AND DEVELOPMENT WHICH INCLUDE ADVANCES FOR PUBLIC WORKS PLANNING, COMMUNITY ACTION PROGRAMS, PUBLIC FACILITY LOANS, AND URBAN RENEWAL PROGRAMS, (2) EDUCATION AND TRAINING WHICH INCLUDE ADULT BASIC EDUCATION AND COLLEGE WORK STUDY PROGRAMS, (3) HEALTH PROGRAMS WHICH INCLUDE FEDERAL AID TO NURSING HOMES AND GRANTS FOR MIGRANT HEALTH SERVICES, (4) HOUSING PROGRAMS

WHICH INCLUDE LOW RENT PUBLIC HOUSING AND RURAL HOUSING LOANS, (5) MANPOWER SURVEYS AND YOUTH EMPLOYMENT SERVICES WHICH INCLUDE SMALLER COMMUNITY PROGRAMS AND YOUTH OPPORTUNITY SERVICES, AND (6) OTHER PROGRAMS WHICH ARE THOSE UNDER PROVISION OF THE ECONOMIC OPPORTUNITY ACT AND INCLUDE MIGRANT LABOR, RURAL FAMILY, AND VOLUNTEERS IN SERVICE TO AMERICA. (JM)

ED 021 045 VT 002 873

ONE-THIRD OF A NATION, A REPORT ON YOUNG MEN FOUND UNQUALIFIED FOR MILITARY SERVICE.

PRESIDENTS TASK FORCE ON MANPOWER CONSERVATION

PUB DATE 1 JUN 64

EDRS PRICE MF-$0.50 HC-$3.68 90P.

DESCRIPTORS— *DISQUALIFICATION, *INDIVIDUAL CHARACTERISTICS, *MILITARY SERVICE, *QUALIFICATIONS, *YOUTH, EDUCATIONALLY DISADVANTAGED, MALES, MANPOWER DEVELOPMENT, MANPOWER UTILIZATION, MENTAL TESTS, PHYSICAL EXAMINATIONS, PHYSICALLY HANDICAPPED, PROGRAM PROPOSALS, STANDARDS, YOUTH PROBLEMS,

THE CRITICAL INCREASE IN THE NUMBER OF UNEMPLOYED YOUTH AND THE EVIDENCE THAT A LARGE NUMBER OF THESE YOUTH DID NOT MEET EVEN THE MINIMUM STANDARDS FOR PEACETIME MILITARY SERVICE PROMPTED PRESIDENT KENNEDY, ON SEPTEMBER 30, 1963, TO CREATE THE TASK FORCE ON MANPOWER CONSERVATION, COMPOSED OF THE HEAD ADMINISTRATORS OF THE DEPARTMENTS OF DEFENSE, LABOR, HEALTH, EDUCATION, AND WELFARE, AND SELECTIVE SERVICE. AVAILABLE GOVERNMENT DATA, SUPPLEMENTED BY MILITARY REJECTEE QUESTIONNAIRE INFORMATION, YIELDED NUMEROUS FINDINGS WHICH SERVED AS THE BASIS FOR THE TASK FORCE RECOMMENDATIONS TO THE PRESIDENT. IT WAS FOUND THAT ONE-THIRD OF ALL YOUNG MEN IN THE NATION TURNING 18 YEARS OLD WOULD BE RENDERED UNQUALIFIED IF THEY WERE TO BE EXAMINED FOR INDUCTION INTO THE ARMED FORCES. OF THESE, ABOUT ONE-HALF WOULD BE REJECTED FOR MEDICAL REASONS, AND THE REMAINDER WOULD FAIL TO QUALIFY ON THE MENTAL TEST. ONE OF EVERY TWO SELECTIVE SERVICE REGISTRANTS CALLED PREINDUCTION EXAMINATION WAS FOUND TO BE UNQUALIFIED. IT WAS RECOMMENDED THAT THE PRESIDENT ANNOUNCE A NATIONWIDE MANPOWER CONSERVATION PROGRAM TO PROVIDE PERSONS WHO FAIL TO MEET THE QUALIFICATIONS FOR MILITARY SERVICE WITH THE NEEDED EDUCATION, TRAINING, HEALTH REHABILITATION AND RELATED SERVICES THAT WILL ENABLE THEM TO BECOME EFFECTIVE AND SELF SUPPORTING CITIZENS. THE APPENDIXES CONTAIN DETAILED STATISTICAL TABLES AND TECHNICAL METHODOLOGICAL DATA. (ET)

ED 021 046 VT 002 890

KITZMILLER, RICHARD L.

A MODEL VOCATIONAL EDUCATION PROGRAM FOR THE SLOW LEARNER.

FRANKLIN COUNTY SCHOOL BOARD, CHAMBERSBURG, PA.

PUB DATE JAN 67

EDRS PRICE MF-$1.00 HC-$9.44 234P.

DESCRIPTORS— *AREA VOCATIONAL SCHOOLS, *CURRICULUM RESEARCH, *PROGRAM PLANNING, *SLOW LEARNERS, *VOCATIONAL EDUCATION, BIBLIOGRAPHIES, COURSES, DEMONSTRATION PROGRAMS, EDUCABLE MENTALLY HANDICAPPED, EMPLOYMENT OPPORTUNITIES, JOB ANALYSIS, LITERATURE REVIEWS, PENNSYLVANIA, SURVEYS,

THE TERM "SLOW LEARNER" IS USED IN THIS REPORT TO DESIGNATE THE 18 TO 20 PERCENT OF SCHOOL CHILDREN WHO MEASURE APPROXIMATELY 50 TO 89 IQ ON INDIVIDUAL INTELLIGENCE TESTS. THE PURPOSES OF THE PROJECT WERE TO IDENTIFY AREAS OF VOCATIONAL OPPORTUNITY BEST SUITED TO THE ABILITIES AND INTERESTS OF THE SLOW LEARNER, ADOPT CRITERIA FOR OPTIMUM EDUCATIONAL INSTRUCTION, DESIGN A MODEL PROGRAM OF VOCATIONAL EDUCATION FOR THE SLOW LEARNER, AND DETERMINE THE STAFF AND FACILITIES NEEDED TO OPERATE A DEMONSTRATION PROGRAM FOR 1 YEAR. SCHOOL SUPERINTENDENTS, CONSULTANTS, GUIDANCE COUNSELORS, EMPLOYMENT COUNSELORS, AND A STATUS SURVEY OF AREA VOCATIONAL SCHOOLS PROVIDE INFORMATION ABOUT VOCATIONAL PROGRAMS. QUESTIONNAIRES AND RATING SCALES COMPLETED BY SPECIALISTS IN THE FIELD PROVIDED INFORMATION ABOUT JOB COMPLEXITY, CRITERIA FOR A SLOW LEARNER PROGRAM, AND AN EVALUATION OF COURSES. CONSULTANTS REVIEWED THE DATA AND MADE RECOMMENDATIONS FOR IMPLEMENTING A MODEL PROGRAM. IT WAS CONCLUDED THAT THE COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL SHOULD PROVIDE VOCATIONAL EDUCATION FOR THE SLOW LEARNER AND SHOULD OFFER MORE TRAINING IN (1) PACKING, STORING, AND HANDLING MANUFACTURED ITEMS, (2) OPERATING AUTOMOTIVE EQUIPMENT AND OFFICE MACHINES, AND (3) GENERAL MAINTENANCE AND PROCESSING. OF 17 COURSES EXAMINED IN THE STUDY, SIX OFFERED MANY AND SIX OFFERED SOME EDUCATIONAL OPPORTUNITIES FOR SLOW LEARNERS. DESCRIPTIONS OF COURSES TO BE OFFERED, LISTS OF JOBS RELATING TO THESE COURSES, AN ANNOTATED BIBLIOGRAPHY OF RESOURCE MATERIALS, SUMMARIES OF MEETINGS, THE INSTRUMENTS, AND DATA ARE INCLUDED IN 14 APPENDIXES. (PS)

ED 021 047 VT 003 372

GREEN, ALFRED L.

MANPOWER AND THE PUBLIC EMPLOYMENT SERVICE IN EUROPE, A STUDY OF PROGRAMS AND OPERATIONS.

PUB DATE DEC 66

EDRS PRICE MF-$1.00 HC-$9.12 226P.

DESCRIPTORS— *COMPARATIVE ANALYSIS, *EMPLOYMENT PROGRAMS, *EMPLOYMENT SERVICES, *FOREIGN COUNTRIES, *PROGRAM ADMINISTRATION, FEDERAL REPUBLIC OF GERMANY, FRANCE, GOVERNMENT ROLE, GREAT BRITAIN, JOB PLACEMENT, LABOR MARKET, OCCUPATIONAL GUIDANCE, SWEDEN, THE NETHERLANDS, UNEMPLOYMENT INSURANCE, YUGOSLAVIA,

THE HEAD ADMINISTRATOR OF THE NEW YORK STATE DEPARTMENT OF LABOR'S DIVISION OF EMPLOYMENT VISITED SWEDEN, FRANCE, YUGOSLAVIA, THE NETHERLANDS, GREAT BRITAIN, AND THE FEDERAL REPUBLIC OF GERMANY DURING JUNE AND JULY OF 1966. INTERVIEWS WERE HELD WITH PUBLIC EMPLOYMENT PERSONNEL IN ALL ECHELONS AND WITH OFFICIALS OF REGIONAL ECONOMIC ORGANIZATIONS TO AID IN THE COMPARATIVE ANALYSIS OF EACH COUNTRY'S PUBLIC EMPLOYMENT SERVICE ORGANIZATIONAL STRUCTURE, FUNCTIONS, STAFFING PATTERNS, AND BUDGETING PROCEDURES. SOME OF THE MOST GENERAL OBSERVATIONS WERE--(1) EUROPEAN EXPERIENCE SHOWS THAT THE PUBLIC EMPLOYMENT SERVICE MAY BE OUTSTANDINGLY SUCCESSFUL UNDER CONDITI ONS OF CLOSE INTEGRATION WITH UNEMPLOYMENT INSURANCE AS WELL AS UNDER CONDITI ONS OF ABSOLUTE SEPARATISM, (2) IN NONE OF THE COUNTRIES, EXCEPT GREAT BRITAIN, DO PRIVATE EMPLOYMENT AGENCIES ORGANIZED FOR PROFIT OPERATE EXTENSIVELY, (3) IN ALL SIX COUNTRIES THERE IS MORE KNOWLEDGE OF JOB VACANCIES AND AVAILABLE JOB-SEEKERS THAN IN THE UNITED STATES, (4) INTER-AREA LABOR MARKET CLEARANCE IS SUPPORTED IN THE SEVERAL EUROPEAN COUNTRIES BY SUBSTANTIVE PROGRAMS WHICH PROMOTE LABOR AND MANAGEMENT MOBILITY, SUCH AS RELOCATION ALLOWANCES, TAX INCENTIVES FOR PLANT LOCATION, AND OTHERS, AND (5) PUBLIC SERVICE EMPLOYMENT PROGRAMS IN GREAT BRITAIN, SWEDEN, WEST GERMANY, AND THE NETHERLANDS ENABLE THE PUBLIC EMPLOYMENT SERVICES TO PLACE THE HARD-CORE UNEMPLOYED IN JOBS WITH THE GOVERNMENT AS EMPLOYER. (ET)

ED 021 048 VT 003 543

AN EXPERIMENTAL PROGRAM IN VOCATIONAL EDUCATION. FINAL REPORT.

SPRINGFIELD SCHOOL DISTRICT NO. 186, ILL.

ILLINOIS STATE BOARD OF VOC. EDUC. AND REHABIL.

PUB DATE 67

EDRS PRICE MF-$1.00 HC-$8.28 205P.

DESCRIPTORS— *EXPERIMENTAL PROGRAMS, *HANDICAPPED STUDENTS, *SOCIAL DEVELOPMENT, *UNDERACHIEVERS, *VOCATIONAL DEVELOPMENT, CURRICULUM EVALUATION, EXPERIMENTAL CURRICULUM, INSTRUCTIONAL MATERIALS, INTEGRATED ACTIVITIES, INTERDISCIPLINARY APPROACH, JUNIOR HIGH SCHOOL STUDENTS, PERSONAL ADJUSTMENT, SOCIAL ADJUSTMENT, SPECIAL EDUCATION, SUMMER PROGRAMS, TEAM TEACHING, VOCATIONAL ADJUSTMENT, WORK ATTITUDES,

THE PURPOSE OF THIS 6-WEEK SUMMER PROGRAM FOR OVERAGED UNDERACHIEVERS AND HANDICAPPED STUDENTS ENTERING A SECONDARY SCHOOL SETTING WAS TO COVER MATERIALS RELATING TO THE PRESTIGE OF WORK, THE RESPONSIBILITY OF A JOB, THE PERSONAL CHARACTERISTICS WHICH DEVELOP GOOD EMPLOYEE-EMPLOYER RELATIONSHIPS, AND SKILLS WHICH WOULD PROMOTE BETTER INTEGRATION OF THE STUDENTS INTO THE SOCIAL-VOCATIONAL WORLD. THE CLASSROOM INSTRUCTION WAS CONDUCTED BY ONE VOCATIONAL AND ONE SPECIAL EDUCATION TEACHER. ONE CLASS WAS ORIENTED TO HANDICAPPED STUDENTS AND ONE WAS FOR OVERAGED UNDERACHIEVERS WITH NO HANDICAPS. A CURRICULUM WAS DEVELOPED BY THE COORDINATOR AND TEACHERS. THIRTY-THREE OF 35 STUDENTS ORIGINALLY ENROLLED COMPLETED THE PROGRAM. PRE AND POSTTESTS WERE GIVEN TO EVALUATE THE RATE OF GAIN IN ACADEMIC ACHIEVEMENT AND ATTITUDE CHANGE. IMPROVEMENT WAS APPARENT, AND THE UNDERACHIEVING GROUP HAD A HIGHER RATE OF GAIN THAN THE SPECIAL EDUCATION GROUP. THE MAJOR CONCLUSIONS WERE--(1) SIX WEEKS IS TOO SHORT A PERIOD TO EVEN SCRATCH THE SURFACE OF THE MATERIAL REQUIRED BY THE STUDENTS, (2) MATERIALS FOR SPECIAL EDUCATION MUST BE DIFFERENT IN FORMAT, READING LEVEL, AND RATE OF PRESENTATION, AND (3) A PROGRAM OF THIS TYPE IS HIGHLY RECOMMENDED FOR USE DURING THE REGULAR ACADEMIC YEAR FOR SLOW LEARNERS AND UNDERACHIEVERS IN THE EARLY JUNIOR HIGH SCHOOL GRADES. THE CURRICULUM MATERIAL IS INCLUDED. (MM)

ED 021 049 VT 003 561

SCHILL, WILLIAM JOHN

CONCURRENT WORK-EDUCATION (PROGRAMS IN THE 50 STATES 1965-66). INITIAL DRAFT.

ILLINOIS UNIV., CHAMPAIGN, WORK-EDUC. RES. CENTER

PUB DATE 66

EDRS PRICE MF-$0.50 HC-$3.04 74P.

DESCRIPTORS— *COOPERATIVE PROGRAMS, *EXPENDITURES, *NATIONAL SURVEYS, *STUDENT ENROLLMENT, *WORK STUDY PROGRAMS, COOPERATIVE EDUCATION, DEMOGRAPHY, ECONOMIC FACTORS, HIGH SCHOOLS, ORGANIZATION, POST SECONDARY EDUCATION, PROGRAM DESCRIPTIONS, QUESTIONNAIRES, VOCATIONAL EDUCATION,

A DESCRIPTIVE REPORT OF THE CONDUCT OR STATUS OF CONCURRENT WORK-EDUCATION PROGRAMS IN EACH OF THE 50 STATES IS PRESENTED. DATA ARE REPORTED FOR TWO DISTINCT PROGRAMS--(1) COOPERATIVE EDUCATION, A PROGRAM IN WHICH THE STUDENTS WORK PART-TIME AND STUDY IN A FORMAL CLASSROOM SETTING PART-TIME, AND (2) WORK-STUDY, A PROGRAM IN WHICH STUDENTS IN VOCATIONAL PROGRAMS, WHO HAVE

NEED OF FINANCIAL ASSISTANCE IN ORDER TO REMAIN IN SCHOOL, ARE PLACED IN PUBLIC AGENCIES, MAINLY THE LOCAL SCHOOL. DATA WERE OBTAINED FROM EACH OF THE 50 STATE DEPARTMENT OF EDUCATION OFFICES VIA PERSONAL VISITS AND FROM A SAMPLE OF INDIVIDUAL SCHOOL DISTRICTS VIA MAILED QUESTIONNAIRES. OF 1,836 QUESTIONNAIRES SENT TO A RANDOM SAMPLE OF 1,757 HIGH SCHOOLS AND 88 POST-HIGH SCHOOLS IN THE UNITED STATES, 1,535 WERE RETURNED. APPROXIMATELY 18,000 HIGH SCHOOLS OFFERED GRADES 10, 11, AND 12 IN THE UNITED STATES DURING 1965-66. OF THESE, 2,509 HAD A WORK-STUDY OFFERING AND 3,333 HAD COOPERATIVE-EDUCATION PROGRAMS. THERE WERE 44,817 HIGH SCHOOL STUDENTS AND 7,418 POST-HIGH SCHOOL STUDENTS ENROLLED IN WORK-STUDY PROGRAMS, AND 117,035 HIGH SCHOOL STUDENTS AND 4,243 POST-HIGH SCHOOL STUDENTS ENROLLED IN COOPERATIVE-EDUCATION PROGRAMS. CORRELATIONS WERE COMPUTED BETWEEN ENROLLMENTS IN THE PROGRAMS AND SELECTED DEMOGRAPHIC, ECONOMIC, AND ORGANIZATIONAL VARIABLES RELATED TO THE INDIVIDUAL SCHOOLS. ENROLLMENTS BY STATES AND VOCATIONAL EDUCATION AREAS AND EXPENDITURES BY STATES ARE INCLUDED. (PS)

ED 021 050 VT 003 700

KARNES, JAMES B.

EMERGING PROGRAMS OF VOCATIONAL AND TECHNICAL EDUCATION IN SECONDARY SCHOOLS OF MISSOURI IN RELATION TO MANPOWER NEEDS. (D.ED. THESIS SUMMARY).

MISSOURI UNIV., COLUMBIA, DEPT.OF INDUSTRIAL EDUC.

PUB DATE 22 MAR 67

EDRS PRICE MF-$0.25 HC-$1.36 32P.

DESCRIPTORS— *MANPOWER NEEDS, *PROGRAM DEVELOPMENT, *STATE SURVEYS, *VOCATIONAL EDUCATION, ADULT VOCATIONAL EDUCATION, COMPARATIVE ANALYSIS, ENROLLMENT PROJECTIONS, EXPENDITURES, HIGH SCHOOLS, MISSOURI, POST SECONDARY EDUCATION, PROGRAM ATTITUDES,

THE NUMBER AND TYPES OF VOCATIONAL AND TECHNICAL EDUCATION PROGRAMS BEING DEVELOPED BY SCHOOL DISTRICTS WERE STUDIED TO FIND A STATEWIDE PATTERN AND TO ASCERTAIN HOW WELL THE PRESENT AND PROPOSED PROGRAMS RELATE TO PROJECTED MANPOWER NEEDS. DATA CONCERNING PRESENT REIMBURSABLE PROGRAMS, SECURED FROM THE MISSOURI STATE DEPARTMENT OF EDUCATION, WERE TABULATED AS A BASIS FOR PROJECTING EXPANSION. ADDITIONAL DATA WERE COLLECTED BY FOUR INFORMATION FORMS SENT TO 507 SUPERINTENDENTS OF SECONDARY SCHOOL DISTRICTS, 506 DISTRICT BOARD PRESIDENTS, AND 17 LOCAL VOCATIONAL DIRECTORS. THE CHI-SQUARE TEST OF HOMOGENEITY WAS USED TO ASCERTAIN THE RELATIVE MERIT OF A GIVEN PROGRAM IN RELATION TO PLANS FOR ESTABLISHING OR IMPLEMENTING IT. BUREAU OF THE CENSUS 1960 LABOR FORCE STATISTICS WERE PROJECTED TO 1970 TO ASCERTAIN MANPOWER NEEDS FOR MAJOR OCCUPATIONAL GROUPS IN THE STATE. SOME OF THE CONCLUSIONS WERE–(1) THERE IS A SERIOUS INADEQUACY OF VOCATIONAL EDUCATION PROGRAMS AMONG DISTRICTS OF ALL SIZES, (2) MANY PRACTICAL ARTS COURSES IN BUSINESS EDUCATION AND INDUSTRIAL ARTS WILL PROBABLY BE CONVERTED TO REIMBURSABLE VOCATIONAL COURSES, (3) MANY SUPERINTENDENTS ARE UNAWARE OR INDIFFERENT TO NEEDS IN HEALTH, TECHNICAL, AND TRADE AND INDUSTRIAL OCCUPATIONS, (4) LESS IMPORTANCE IS PLACED ON VOCATIONAL PROGRAMS FOR POST-HIGH SCHOOL YOUTH AND ADULTS, (5) A REIMBURSEMENT RATE OF 50 PERCENT WILL BE NEEDED TO ESTABLISH PROGRAMS IN A MAJORITY OF SCHOOL DISTRICTS, (6) AN IMBALANCE EXISTS IN ENROLLMENT AS RELATED TO OCCUPATIONAL GROUPS, AND (7) THE GREATEST PERCENT OF INCREASE WILL BE IN COURSES NOW HAVING LOW ENROLLMENT, BUT EXPANSION WILL FALL FAR SHORT OF NEEDS. (MM)

ED 021 051 08 VT 003 951

LOVELESS, AUSTIN

VOCATIONAL SCHOLARSHIPS, FINANCIAL AIDS AVAILABLE TO STUDENTS PURSUING VOCATIONAL OR TECHNICAL TRAINING IN NONBACCALAUREATE PROGRAMS AT UTAH POST-SECONDARY SCHOOLS.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.

REPORT NUMBER BR-6-3046

PUB DATE APR 67

GRANT OEG-4-7-063046-1612

EDRS PRICE MF-$0.25 HC-$0.80 18P.

DESCRIPTORS— *FINANCIAL SUPPORT, *POST SECONDARY EDUCATION, *SCHOLARSHIP LOANS, *SCHOLARSHIPS, *VOCATIONAL EDUCATION, EDUCATIONAL PROGRAMS, TUITION GRANTS, UTAH, WORK STUDY PROGRAMS,

INFORMATION IN NARRATIVE FORM ABOUT SCHOLARSHIPS, LOANS, WORK-STUDY PROGRAMS, GRANTS-IN-AID, AND SOURCES OF FURTHER INFORMATION IS GIVEN FOR BRIGHAM YOUNG UNIVERSITY, COLLEGE OF SOUTHERN UTAH, DIXIE COLLEGE, LDS BUSINESS COLLEGE, SNOW COLLEGE, STEVENS HENAGER, UNIVERSITY OF UTAH, UTAH STATE UNIVERSITY, UTAH TECHNICAL COLLEGE AT PROVO, UTAH TECHNICAL COLLEGE AT SALT LAKE, AND WEBER STATE COLLEGE. A REFERENCE CHART FOR QUICKLY DETERMINING WHAT POST-SECONDARY VOCATIONAL COURSES ARE OFFERED IN THE SCHOOLS AND WHAT EDUCATIONAL GRANTS ARE AVAILABLE IN NONBACCALAUREATE POST-SECONDARY PROGRAMS IS INCLUDED. (MM)

ED 021 052 VT 004 108

UXER, JOHN ELMO

AN OPERATIONS RESEARCH MODEL FOR LOCATING AREA VOCATIONAL SCHOOLS.

PUB DATE 13 MAY 67

EDRS PRICE MF-$0.75 HC-$6.92 171P.

DESCRIPTORS— *AREA VOCATIONAL SCHOOLS, *ECONOMIC FACTORS, *EMPLOYMENT OPPORTUNITIES, *ENROLLMENT INFLUENCES, *SCHOOL LOCATION, FEASIBILITY STUDIES, MODELS, SITE SELECTION, VOCATIONAL EDUCATION,

THE PURPOSES OF THIS STUDY WERE TO DETERMINE THE MAJOR CHARACTERISTICS OF A PREDICTIVE MODEL FOR USE IN LOCATING AND ESTABLISHING AREA VOCATIONAL SCHOOLS, DEVELOP THIS PREDICTIVE MODEL, AND ANALYZE THE STATISTICAL SIGNIFICANCE OF THE FACTORS COMPRISING EACH OF THE CHARACTERISTICS. A LITERATURE REVIEW AND CONFERENCES WITH STATE AND LOCAL EDUCATIONAL LEADERS WERE USED TO IDENTIFY THE MAJOR ELEMENTS FOR THE MODEL. A SURVEY OF 94 SCHOOLS IN 14 STATES PROVIDED DATA WHICH WAS ANALYZED AND CATEGORIZED INTO THE MODEL'S ELEMENTS. A JURY OF 30 EDUCATORS RANKED THE ELEMENTS ON RELATIVE IMPORTANCE. THE THREE MAJOR CHARACTERISTICS OF THE MODEL WERE POTENTIAL ENROLLMENT, JOB OPPORTUNITIES FOR GRADUATES, AND FINANCIAL SUPPORT. THE MODEL WAS APPLIED TO TWO COMMUNITIES IN NEW MEXICO TO PREDICT WHETHER OR NOT THEY COULD SUCCESSFULLY SUPPORT AN AREA VOCATIONAL SCHOOL. WHEN THE DISCRIMINANT FUNCTION MODEL WAS APPLIED TO THE SAMPLE OF EXISTING AREA VOCATIONAL SCHOOLS, THE RESULTS COINCIDED WITH CLASSIFICATIONS MADE BY STATE VOCATIONAL DIRECTORS AND THE INVESTIGATOR IN 86.17 PERCENT OF THE INSTANCES. SUCH MODELS CAN BE USED BY EDUCATORS AS ANALOGUES REPRESENTING PROCESSES OR SYSTEMS UNDER STUDY. (EM)

ED 021 053 VT 004 208

TEACHING-LEARNING UNITS IN CLOTHING AND TEXTILES.

ARIZONA ASSN. OF FUTURE HOMEMAKERS OF AMERICA

ARIZONA STATE DEPT. OF VOCATIONAL EDUC., PHOENIX

PUB DATE 67

DOCUMENT NOT AVAILABLE FROM EDRS.

DESCRIPTORS— *CLOTHING INSTRUCTION, *CURRICULUM GUIDES, *HOME ECONOMICS EDUCATION, *TEACHING GUIDES, *TEXTILES INSTRUCTION, ELEMENTARY SCHOOLS, HIGH SCHOOLS, LEARNING EXPERIENCES,

GUIDELINES FOR TEACHERS WHO ARE PLANNING LESSONS FOR ELEMENTARY AND SECONDARY STUDENTS IN CLOTHING AND TEXTILE CLASSES WERE DEVELOPED BY TEACHERS, TEACHER EDUCATORS, AND STATE SUPERVISORS. MATERIALS WERE TESTED BY CLASSROOM TEACHERS, REFINED, AND EDITED. MODELS OF TEACHING-LEARNING UNITS, EACH ON DIFFERENT COLORED PAPER, ARE PRESENTED FOR THREE LEVELS. THE BEGINNING LEVEL COVERS THE SIGNIFICANCE, PLANNING, AND FASHIONING OF CLOTHING AND CONSTRUCTION PROCEDURES. THE INTERMEDIATE LEVEL COVERS THE SOURCE AND THEORETICAL BASIS OF FASHION AND TEXTILES, CONSUMER BEHAVIOR, AND CONSTRUCTION. THE ADVANCED LEVEL IS BASED ON THE LIFE CYCLE CONCEPT, PROVIDES SCIENTIFIC EXPERIMENTATION IN BUYING AND CONSTRUCTION, AND EXPLORES AVAILABLE CAREERS. EACH UNIT INCLUDES A TOPICAL CONTENT OUTLINE CORRELATED WITH TEACHING MATERIALS AND TEACHER REFERENCES AND A SUGGESTED TIME DISTRIBUTION CHART. EACH MAJOR SECTION OF EACH UNIT INCLUDES (1) OBJECTIVES, (2) MAJOR IDEAS WHICH ARE STATED AS CONCEPTS, (3) AN ILLUSTRATIVE SERIES OF LEARNING EXPERIENCES, (4) AN ILLUSTRATIVE SERIES OF EVALUATIVE EXPERIENCES, (4) A BIBLIOGRAPHY OF BOOKS, PERIODICALS, BULLETINS, PAMPHLETS, AND FILMSTRIPS, AND (5) APPENDIXES CONTAINING EVALUATION DEVICES, FORMS, AND OTHER INSTRUCTIONAL MATERIALS. PROCEDURES USED IN DEVELOPING THE GUIDE AND SUGGESTIONS FOR ITS USE ARE DISCUSSED. THIS DOCUMENT IS AVAILABLE FOR $4.00 FROM ARIZONA ASSOCIATION, FUTURE HOMEMAKERS OF AMERICA, 412 STATE BUILDING, PHOENIX, ARIZONA 85007. (FP)

ED 021 054 VT 004 345

HARDY, HAZEL, ED.

A GUIDE FOR TEACHING CHILD DEVELOPMENT, A BOOK OF TEACHING PLANS.

NEVADA STATE DEPT. OF EDUCATION, CARSON CITY

PUB DATE FEB 67

EDRS PRICE MF-$1.00 HC-$9.80 243P.

DESCRIPTORS— *CHILD DEVELOPMENT, *CURRICULUM GUIDES, *HOME ECONOMICS EDUCATION, HIGH SCHOOLS, TEACHING GUIDES,

THIS GUIDE IS FOR TEACHER USE IN PLANNING CHILD DEVELOPMENT COURSES WHICH WILL TEACH BASIC HUMAN NEEDS AND HELP STUDENTS FOSTER HEALTHY PERSONALITIES IN CHILDREN. THE MATERIALS WERE DEVELOPED BY HOME ECONOMICS EDUCATION STUDENTS AT THE UNIVERSITY OF NEVADA USING THE CONCEPT OF STRUCTURE FORMATED IN THE U.S. OFFICE OF EDUCATION CURRICULUM WORKSHOPS AND EMPLOYING THE LEVELS OF LEARNING DESCRIBED IN "BLOOMS TAXONOMY OF EDUCATION OBJECTIVES." THE UNITS ARE (1) HELPING WITH CHILDREN WHICH IS FOR GRADE 7, 8, OR 9 AND HAS 15 LESSONS, (2) LEARNING ABOUT CHILDREN WHICH IS FOR GRADE 9 OR 10 AND HAS 20-30 LESSONS, (3) PRENATAL DEVELOPMENT AND THE FIRST YEARS OF LIFE WHICH ARE FOR GRADE 11 OR 12 AND HAVE 15-20 LESSONS, AND (4) PREPARATION FOR PARENTHOOD WHICH IS FOR GRADE 11 OR 12 AND HAS 20-30 LESSONS. EACH SUBUNIT IS DEVELOPED AROUND A GENERALIZATION AND CONTAINS DESIRED OUTCOMES, LEARNING EXPERIENCES, BACKGROUND MATERIALS, AND A BIBLIOGRAPHY. (FP)

ED 021 055 VT 004 358

KRAMER, LUCY M.

TRAINING HEALTH SERVICE WORKERS–THE CRITICAL CHALLENGE, PROCEEDINGS OF THE CONFERENCE ON JOB DEVELOPMENT AND TRAINING FOR WORKERS IN HEALTH SERVICES (WASHINGTON, D.C., FEBRUARY 14-17, 1966).

DEPARTMENT OF LABOR, WASHINGTON, D.C.
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
PUB DATE 66
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS. 108P.

DESCRIPTORS— *CONFERENCE REPORTS, *HEALTH OCCUPATIONS, *HEALTH OCCUPATIONS EDUCATION, EDUCATIONAL TRENDS, EMPLOYMENT PROJECTIONS, FEDERAL LEGISLATION, MANPOWER NEEDS, PROGRAM DEVELOPMENT, SPEECHES,

THREE HUNDRED REPRESENTATIVES OF LABOR, MANAGEMENT, EDUCATION, HEALTH ORGANIZATIONS, GOVERNMENT, PROFESSIONAL ASSOCIATIONS, AND OTHER INTERESTED GROUPS ATTENDED A CONFERENCE PLANNED AS A MEDIUM TO DISCUSS ISSUES, EXCHANGE VIEWS, AND SHARE EXPERIENCES IN MATCHING PEOPLE AND JOBS. SPEECHES INCLUDE–(1) "GREETINGS FROM THE DEPARTMENT OF LABOR" BY W.W. WIRTZ, (2) "GREETINGS FROM THE DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE" BY W.J. COHEN, (3) "NATIONAL RESPONSIBILITY FOR HEALTH MANPOWER" BY F. KEPPEL, (4) MANPOWER IN A SERVICE ECONOMY BY E. GINZBERG, (5) "HEALTH MANPOWER NEEDS AND REQUIREMENTS" BY P.D. BONNET, (6) "TRENDS IN EDUCATION AND TRAINING OF HEALTH SERVICE WORKERS" P.E. KINSINGER, (7) "THE COMMUNITY'S RESPONSIBILITY FOR HEALTH MANPOWER DEVELOPMENT" BY C. NANIK, (8) "FEDERAL RESOURCES FOR TRAINING WORKERS IN HEALTH SERVICES" BY J.P. WALSH, (9) "MOBILIZING OUR RESOURCES FOR HEALTH SERVICES" BY W.H. STEWART, (10) "HEALTH MANPOWER–THE CHALLENGE OF THE NEXT DECADE" BY W. COHEN, AND (11) "THE CHALLENGE OF MATCHING PEOPLE AND JOBS IN HEALTH SERVICES" BY S.H. PUTTENBURG. A PANEL DISCUSSION ON THE PRESENTATIONS BY ELI GINZBERG AND PHILIP BONNET AND GROUP DISCUSSIONS ON EXPANDING THE SUPPLY OF QUALIFIED AUXILIARY HEALTH WORKERS AND DEVELOPING PROGRAMS FOR HEALTH WORKERS BELOW THE BACCALAUREATE LEVEL ARE SUMMARIZED. SUGGESTIONS OF CONFEREES INCLUDE STRENGTHENING THE HEALTH TEAM, DELINEATING FUNCTIONS, COORDINATING FEDERAL PROGRAMS, UTILIZING FEDERAL RESOURCES FOR TRAINING AUXILIARY WORKERS, INCREASING WAGES AND IMPROVING WORKING CONDITIONS, STRENGTHENING TEACHING, IMPROVING TRAINEE AND EMPLOYEE RECRUITMENT, AND DEVELOPING UNUSED RESOURCES IN THE MANPOWER POOL. THIS DOCUMENT IS AVAILABLE AS FS1.2–H35/9 FOR 60 CENTS FROM SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402. (JK)

ED 021 056 VT 004 609

HASTINGS, GERALDINE AND OTHERS

TECHNIQUES FOR EFFECTIVE TEACHING.

NATIONAL EDUCATION ASSN., WASHINGTON, D.C.
PUB DATE 66
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. 41P.

DESCRIPTORS— *EFFECTIVE TEACHING, *INSTRUCTIONAL MEDIA, *TEACHING TECHNIQUES, AUDIOVISUAL AIDS, DISCUSSION (TEACHING TECHNIQUE), DRAMA, LEARNING EXPERIENCE,

A COMPENDIUM OF WORKABLE AND REASONABLE TECHNIQUES TO PROVIDE TEACHERS WITH ALTERNATIVES IN SELECTING LEARNING EXPERIENCES IS PRESENTED. MATERIALS ARE DESIGNED TO AID TEACHERS AND LEARNERS IN ALL SUBJECT MATTER AREAS. TEACHING TECHNIQUES DESCRIBED ARE (1) THE CASE STUDY, (2) DISCUSSIONS SUCH AS SYMPOSIUM, COLLOQUIUM, BUZZ SESSIONS, AND BRAINSTORMING, (3) DRAMATIZED EXPERIENCES–SOCIODRAMA AND PANTOMIMES, (4) OUTSIDE THE CLASSROOM EXPERIENCES SUCH AS FIELD TRIPS AND INTERVIEWING, (5) INDIVIDUAL STUDY SUCH AS PROGRAMED LEARNING, (6) SHOWING-TELLING-TRYING OUT, (7) FUN-IMAGINATION-CREATIVITY WHICH INCLUDES GAMES AND JINGLE WRITING, AND (8) PROJECTION TECHNIQUES. EACH TECHNIQUE INCLUDES THE INFORMATION–WHAT IT IS, WHEN AND HOW TO USE IT, AND ADVANTAGES AND DISADVANTAGES. ADDITIONAL INFORMATION SOURCES AND A BIBLIOGRAPHY ARE INCLUDED. THIS DOCUMENT IS AVAILABLE FOR 75 CENTS FROM DEPARTMENT OF HOME ECONOMICS, NATIONAL EDUCATION ASSOCIATION, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (FP)

ED 021 057 VT 004 612

MATHIS, GILBERT L. BENDER, RALPH E.

MANAGERIAL PERCEPTION AND SUCCESS IN FARMING, FINAL CHAPTER AND APPENDICES OF A PH.D. DISSERTATION. RESEARCH SERIES IN AGRICULTURAL EDUCATION.

OHIO STATE UNIV., COLUMBUS, DEPT. OF AGR. EDUC.
PUB DATE SEP 66
EDRS PRICE MF-$0.50 HC-$2.84 69P.

DESCRIPTORS— *FARM MANAGEMENT, *FARMERS, *GOAL ORIENTATION, *PERCEPTION, *SELF CONCEPT, CURRICULUM DEVELOPMENT, EDUCATIONAL RESEARCH, FACTOR ANALYSIS, INDIVIDUAL CHARACTERISTICS, OHIO, QUESTIONNAIRES, VOCATIONAL AGRICULTURE, YOUNG FARMER EDUCATION,

THE MAJOR PRUPOSE OF THIS STUDY WAS TO DETERMINE THE RELATIONSHIP BETWEEN YOUNG FARMERS' SELF PERCEPTION AS ENTREPRENEURS AND THEIR MONETARY AND NONMONETARY SUCCESS IN FARMING. DATA FROM 125 QUESTIONNAIRES RETURNED FROM A SAMPLE OF 250 SELECTED YOUNG FARMERS LOCATED IN 35 OHIO COUNTIES WERE TESTED BY FACTOR AND MULTIPLE REGRESSION ANALYSIS AND ANALYSIS OF VARIANCE. SOME FINDINGS WERE–(1) NINE FARM MANAGEMENT PROBLEM AREAS WERE IDENTIFIED FROM THE RATINGS GIVEN 43 MANAGERIAL TASKS, (2) PLANNING AND ORGANIZING RESOURCES, KEEPING RECORDS AND ACCOUNTS, AND WISE USE OF TIME WERE THE CONCEPTS MOST YOUNG FARMERS HAD OF MANAGEMENT, (3) YOUNG FARMERS WHO RATED THEMSELVES HIGH AS MANAGERS WERE ALMOST ONE LEVEL HIGHER ON A FARMING STATUS SCALE THAN THOSE WHO RATED THEMSELVES MEDIUM OR LOW AS MANAGERS, AND (4) YOUNG FARMERS WITH MONETARY-ORIENTED FARM GOALS HAD HIGHER FARM GOAL ATTAINMENT AND MORE FARM EXPERIENCE THAN THOSE WITH INTERMEDIATE OR NONMONETARY-ORIENTED FARM GOALS. HELPING DECIDE FARM ENTERPRISES WAS RATED AS THE STRONG PART OF THE VOCATIONAL AGRICULTURE PROGRAM, AND PLANNING FAMILY GOALS WAS THE MAJOR WEAKNESS. THE APPENDIXES LIST QUESTIONNAIRE FORMS, INTERCORRELATION TABLES, AND A BIBLIOGRAPHY. (WB)

ED 021 058 VT 004 817

MATHER, MARY E., ED.

HOME ECONOMICS RESEARCH ABSTRACTS–1966. HOME ECONOMICS EDUCATION.

AMERICAN HOME ECONOMICS ASSN., WASHINGTON, D.C.
PUB DATE 67
EDRS PRICE MF-$0.50 HC-$3.76 92P.

DESCRIPTORS— *ABSTRACTS, *DOCTORAL THESES, *HOME ECONOMICS EDUCATION, *MASTERS THESES, *RESEARCH, ADULT EDUCATION, HIGHER EDUCATION, INSTRUCTIONAL MATERIALS, PROGRAM EVALUATION, PROGRAM PLANNING, SECONDARY EDUCATION, STUDENT EVALUATION, TEACHER EDUCATION, TEACHING METHODS,

THE 111 ABSTRACTS OF MASTER'S AND DOCTORAL RESEARCH IN HOME ECONOMICS EDUCATION, COMPLETED IN 1966 AND SUBMITTED BY 33 INSTITUTIONS, ARE CLASSIFIED ACCORDING TO (1) ADMINISTRATION, (2) PROGRAM PLANNING–SECONDARY, COLLEGE, AND ADULT, (3) EVALUATION–SECONDARY, COLLEGE, AND ADULT, (4) METHODS AND MATERIALS, (5) TEACHER EDUCATION, AND (6) MISCELLANEOUS. AN AUTHOR INDEX IS INCLUDED. THIS DOCUMENT IS AVAILABLE FOR $1.50 FROM AMERICAN HOME ECONOMICS ASSOCIATION, 1600 TWENTIETH STREET , N.W., WASHINGTON, D.C. 20009. (FP)

ED 021 059 VT 004 914

EDUCATIONAL PREPARATION FOR NURSE PRACTITIONERS AND ASSISTANTS TO NURSES, A POSITION PAPER.

AMERICAN NURSES' ASSN., NEW YORK, N.Y.
PUB DATE DEC 65
EDRS PRICE MF-$0.25 HC-$0.76 17P.

DESCRIPTORS— *HEALTH OCCUPATIONS EDUCATION, *NURSES, *NURSES AIDES, *PROFESSIONAL ASSOCIATIONS, *PROGRAM DEVELOPMENT, ASSOCIATE DEGREES, NURSING, PRACTICAL NURSES, PROFESSIONAL EDUCATION, TECHNICAL EDUCATION,

THE ASSOCIATION'S FIRST POSITION PAPER ON NURSING EDUCATION WAS PREPARED BY ITS COMMITTEE ON EDUCATION AFTER 2 YEARS OF STUDYING THE MAJOR CHANGES AND TRENDS IN AND AROUND NURSING, ESPECIALLY AS THEY AFFECT PATIENT CARE. THE ASSOCIATION BELIEVES THAT–(1) EDUCATION FOR ALL WHO ARE LICENSED TO PRACTICE NURSING SHOULD TAKE PLACE IN INSTITUTIONS OF HIGHER EDUCATION, (2) AT THE PRESENT TIME, MINIMUM PREPARATION FOR BEGINNING PROFESSIONAL PRACTICE SHOULD BE BACCALAUREATE DEGREE EDUCATION IN NURSING, (3) AT THE PRESENT TIME, THE MINIMUM PREPARATION FOR BEGINNING TECHNICAL PRACTICE SHOULD BE ASSOCIATE DEGREE EDUCATION IN NURSING, AND (4) EDUCATION FOR ASSISTANTS IN THE HEALTH SERVICE OCCUPATIONS SHOULD BE SHORT, INTENSIVE PRESERVICE PROGRAMS IN VOCATIONAL EDUCATION INSTITUTIONS RATHER THAN ON-THE-JOB TRAINING PROGRAMS. THE ASSOCIATION'S POSITION ON NURSING EDUCATION HAS IMPLICATIONS FOR NURSING EDUCATION, PRACTICE AND SERVICE AND FOR AUXILIARY WORKER TRAINING–(1) THE MOVEMENT OF NURSE TRAINING INTO COLLEGES AND UNIVERSITIES REQUIRES THAT THE INSTITUTIONS ACCEPT RESPONSIBILITY FOR EXPANDING FACILITIES AND FACULTIES TO MEET THE EXPECTED APPLICANT INCREASE, PREPARING BOTH TECHNICAL AND PROFESSIONAL NURSE PRACTITIONERS, AND CARRYING ON CONTINUING EDUCATION, ADVANCED STUDY, AND RESEARCH PROGRAMS, AND (2) THE INCREASING COMPLEXITY OF PRACTICAL NURSE WORK INDICATES THAT THEIR PRESENT TRAINING PROGRAMS BE REPLACED BY PROGRAMS FOR BEGINNING TECHNICAL NURSING PRACTICE IN JUNIOR AND COMMUNITY COLLEGES. THIS DOCUMENT IS AVAILABLE FOR 50 CENTS FROM AMERICAN NURSES' ASSOCIATION, 10 COLUMBUS CIRCLE, NEW YORK, NEW YORK 10019. (JK)

ED 021 060 08 VT 004 926

MORRILL, EUGENE L.

A PILOT PROGRAM TO TEST THE FEASIBILITY OF INCREASING THE NUMBER OF VOCATIONAL AND TECHNICAL EDUCATION SCHOLARSHIPS IN TOOELE COUNTY, UTAH. FINAL REPORT.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.
PUB DATE JAN 68
GRANT OEG-4-7-063046-1612
EDRS PRICE MF-$0.25 HC-$0.32 6P.

DESCRIPTORS— *PILOT PROJECTS, *SCHOLARSHIP FUNDS, *SCHOLARSHIPS, *TECHNICAL EDUCATION, *VOCATIONAL EDUCATION, TOOELE COUNTY, UTAH,

IN RESPONSE TO THE DEMAND FOR VOCATIONALLY EDUCATED PERSONNEL AND TO

THE RECOGNIZED DEFICIENCY IN THE NUMBER OF AVAILABLE NONBACCALAUREATE SCHOLARSHIPS FOR HIGH SCHOOL STUDENTS, A PROGRAM IN TOOELE COUNTY WAS DEVISED TO INCREASE THE AVAILABILITY AND UTILIZATION OF SUCH SCHOLARSHIPS. THE PILOT PROGRAM DEMONSTRATED THAT--(1) A CITIZEN'S COMMITTEE COULD BE ORGANIZED, (2) THE COMMITTEE COULD INCREASE THE NUMBER OF AVAILABLE SCHOLARSHIPS THROUGH SECURING LOCAL CONTRIBUTIONS, (3) THE ADDITIONAL SCHOLARSHIPS WOULD BE APPLIED FOR AND ACCEPTED, (4) THE COMMITTEE COULD OBTAIN MORE FAVORABLE PUBLICITY FOR VOCATIONAL AND TECHNICAL EDUCATION THAN IT HAD PREVIOUSLY HAD, AND (5) THE COMMITTEE COULD COORDINATE ITS EFFORTS EFFECTIVELY WITH THE SCHOOL ADMINISTRATION. IT WAS CONCLUDED THAT THE TOOELE COUNTY COMMITTEE AND PROGRAM WOULD SUSTAIN ITSELF FROM YEAR TO YEAR, AND THAT THE INAUGURATION OF SIMILAR PROGRAMS IN OTHER DISTRICTS OF THE STATE WAS WARRANTED. AN EIGHT-STEP PROCEDURE USED TO ACHIEVE THE PROGRAMS GOALS IS INCLUDED. (ET)

ED 021 061 08 **VT 004 927**

GADDIS, G. WARREN

UTAH MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA) SCHOOLS ASSESSMENT.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.

REPORT NUMBER BR-6-3046

PUB DATE JAN 68

GRANT OEG-4-7-063046-1612

EDRS PRICE MF-$0.25 HC-$0.72 16P.

DESCRIPTORS-- *MANPOWER DEVELOPMENT, *PROGRAM ADMINISTRATION, *PROGRAM EVALUATION, *VOCATIONAL EDUCATION, *YOUTH PROGRAMS, MDTA PROGRAMS, UTAH,

BECAUSE LITTLE RELATED EXPERIENCE WAS AVAILABLE UPON WHICH TO FABRICATE THE MOST EFFICIENT PROGRAMS OF THE TWO FIRST MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA) SPONSORED SCHOOLS OPENED IN UTAH IN 1965, THIS STUDY PROPOSED TO ASSESS THE PROGRAMS TO DETERMINE SIGNIFICANT DIFFERENCES, AND TO MAKE A SUBJECTIVE EVALUATION OF THE CURRICULAR STRENGTHS OF EACH. THIS EVALUATION WAS INTENDED TO PROVIDE A FOUNDATION FOR IMPROVING THE CURRICULUMS OF ANY FUTURE MDTA PROGRAMS. DATA WERE DERIVED FROM INTERVIEWS WITH THE TWO SCHOOLS' ADMINISTRATORS, TEACHERS, PUPILS, YOUTH EMPLOYMENT DIRECTORS IN LOCAL EMPLOYMENT SECURITY OFFICES, AND WITH THE MDTA ADMINISTRATORS IN THE UTAH DEPARTMENT OF EMPLOYMENT SECURITY. DUE TO THE CONFUSING AND UNQUANTIFIABLE NATURE OF THE DATA, THE INVESTIGATOR'S SUBJECTIVE ANALYSIS OF THE AVAILABLE DATA AND COMPARATIVE KNOWLEDGE OF BOTH SCHOOLS SERVED AS THE BASIS FOR RECOMMENDATIONS, WHICH INCLUDED--(1) THE INITIAL PART OF THE PROGRAM SHOULD EMPHASIZE ESTABLISHING STUDENT-TEACHER RAPPORT AND IMPROVING STUDENTS' ATTITUDES AND DESIRES, (2) A CHANGE IN REMUNERATION PHILOSOPHY SHOULD BE ATTEMPTED, (3) TEACHING METHODS SHOULD ALLOW THE INDIVIDUAL TO PROGRESS AT HIS OWN RATE, (4) SUSPENSION AND TERMINATION SHOULD NOT BE USED FOR DISCIPLINE, AND (5) PUBLIC RELATIONS PROGRAMS SHOULD BE EXPANDED AND IMPROVED. AMONG POINTS OF GREATEST STRENGTH WERE STUDENT PARTICIPATION IN ADMINISTRATION AND PROBLEM-SOLVING, FREQUENT STAFF PLANNING MEETINGS, AND EXTRACURRICULAR SOCIAL AND EDUCATIONAL ACTIVITIES SUCH AS FIELD TRIPS. (AUTHOR/ET)

ED 021 062 08 **VT 004 931**

DIRKSEN, DENNIS A.

AN IN-DEPTH STUDY TO ASCERTAIN WHETHER THERE IS A NEED IN THE STATE OF UTAH FOR A POST HIGH SCHOOL PROGRAM IN ORNAMENTAL HORTICULTURE.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.

REPORT NUMBER BR-6-3046

PUB DATE 67

GRANT OEG-4-7-063046-1612

EDRS PRICE MF-$0.50 HC-$2.60 63P.

DESCRIPTORS-- *EDUCATIONAL NEEDS, *EMPLOYMENT OPPORTUNITIES, *EMPLOYMENT QUALIFICATIONS, *OCCUPATIONAL SURVEYS, *ORNAMENTAL HORTICULTURE OCCUPATION, AGE, EDUCATIONAL PROGRAMS, FEASIBILITY STUDIES, GROUNDS KEEPERS, NURSERY WORKERS (HORTICULTURE), POST SECONDARY EDUCATION, UTAH, WAGES,

THE OBJECTIVES OF THE STUDY WERE TO DETERMINE (1) KINDS OF JOBS AND NUMBER OF PEOPLE ASSOCIATED WITH ORNAMENTAL HORTICULTURE IN UTAH, (2) SKILLS AND INFORMATION NEEDED BY NURSERY WORKERS, (3) TRAINING PROGRAMS ALREADY ESTABLISHED IN THE NATION, (4) NEEDS OF GOLF COURSES, AND (5) THE USE OF DATA IN DEVELOPING A TRAINING PROGRAM. QUESTIONNAIRES WERE SENT TO ALL NURSERIES AND GOLF COURSES IN THE STATE, AND RESPONSES WERE OBTAINED FROM 64.6 PERCENT OF THE NURSERIES AND 65.3 PERCENT OF THE GOLF COURSES. A SHORTAGE OF WELL-QUALIFIED WORKERS WAS REPORTED BY 92.8 PERCENT OF THE RESPONDENTS. MOST NURSERYMEN LEARNED BY BEING SELF-TAUGHT OR BY ON-JOB EXPERIENCE. SEASONAL WORKERS WERE STUDENTS. WAGES RANGED FROM $150 TO $450 PER MONTH. OF 171 PREDICTED JOBS BY 1972, 119 WERE OF A SEMI-SKILLED CLASSIFICATION OR LESS. NURSERYMEN PROVIDED ON-THE-JOB TRAINING FOR SEASONAL WORKERS AND USED THE EMPLOYMENT CRITERIA OF HONESTY, WILLINGNESS TO WORK, DEPENDABILITY, AND KNOWLEDGE OF THE BUSINESS. MOST EMPLOYEES WERE IN THE 16-20 OR 61-65 AGE RANGES. GOLF COURSE PROFESSIONALS DEEMED KNOWLEDGE OF GRASSES, SOILS, AND COURSE CONSTRUCTION AS NECESSARY FOR GOLF COURSE EMPLOYEES. LITTLE JUSTIFICATION WAS FOUND FOR A POST-HIGH SCHOOL ORNAMENTAL HORTICULTURE PROGRAM IN UTAH, BUT ORNAMENTAL HORTICULTURE UNITS IN HIGH SCHOOL VOCATIONAL AGRICULTURE WERE NEEDED. (JM)

ED 021 063 **VT 005 019**

JENKINS, MELVIN E. *ALLISON, RICHARD C.*

FOREST TECHNOLOGY, A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.

NEW HAMPSHIRE UNIV.,DURHAM,THOMPSON SCH.APPL.SCI.

PUB DATE SEP 66

EDRS PRICE MF-$2.00 HC-$20.52 511P.

DESCRIPTORS-- *AGRICULTURAL TECHNICIANS, *CURRICULUM GUIDES, *FORESTRY, ADVISORY COMMITTEES, AGRICULTURAL EDUCATION, BIBLIOGRAPHIES, CURRICULUM, EMPLOYMENT QUALIFICATIONS, EQUIPMENT, LIBRARY FACILITIES, OCCUPATIONAL GUIDANCE, OCCUPATIONAL INFORMATION, PHYSICAL FACILITIES, PROGRAM DEVELOPMENT, PROGRAM GUIDES, TECHNICAL EDUCATION,

ADMINISTRATORS, SUPERVISORS, TEACHERS, AND ADVISORY COMMITTEES MAY USE THIS GUIDE IN PLANNING AND DEVELOPING FULL-TIME, 2-YEAR, POST-HIGH SCHOOL EDUCATIONAL PROGRAMS TO PREPARE FOREST TECHNICIANS. IT WAS DEVELOPED BY EDUCATORS, PROFESSIONAL FORESTERS, EMPLOYERS, AND U.S. OFFICE OF EDUCATION PERSONNEL. PROGRAM CONSIDERATIONS DISCUSSED INCLUDE (1) OCCUPATIONAL INFORMATION REGARDING TECHNICIANS, ABILITIES REQUIRED, AND ACTIVITIES PERFORMED, (2) FACULTY, (3) STUDENT SERVICES, (4) RESOURCES, (5) FACILITIES, (6) ADVISORY COMMITTEES, AND (7) CONTINUING EDUCATION. A GENERAL DISCUSSION OF THE CURRICULUM COVERS A DESCRIPTION OF THE COURSES, THEIR CONTENT, AND THEIR RELATIONSHIP TO OCCUPATIONAL AND ORGANIZATIONAL REQUIREMENTS. THE HOURS REQUIRED, COURSE DESCRIPTIONS, COURSE OUTLINES, AND BIBLIOGRAPHIES ARE PROVIDED FOR (1) 13 TECHNICAL COURSES SUCH AS ELEMENTARY FORESTRY SURVEYING, DENDROLOGY, FOREST ORIENTATION SEMINAR, AND ELEMENTARY FOREST MEASUREMENTS, (2) ONE MATHEMATICS AND SCIENCE COURSE, (3) SIX AUXILIARY OR SUPPORTING TECHNICAL COURSES SUCH AS BOTANY AND TECHNICAL REPORTING, AND (4) FOUR GENERAL COURSES SUCH AS COMMUNICATIONS SKILLS AND ELEMENTARY BUSINESS MANAGEMENT. DETAILED INFORMATION IS GIVEN ON LIBRARY FACILITIES AND CONTENT, LABORATORY AND PHYSICAL FACILITIES, AND EQUIPPING LABORATORIES AND THEIR COSTS. THE APPENDIX INCLUDES A LIST OF SOCIETIES PERTINENT TO FOREST TECHNICIAN EDUCATION AND A PROCEDURE FOR LABORATORY REPORT WRITING. AN EXTENSIVE BIBLIOGRAPHY IS INCLUDED. (JM)

ED 021 064 **VT 005 415**

COUCH, REX D.

MEDICAL LABORATORY ASSISTANT TEACHER EDUCATION INSTITUTE--PILOT PROGRAM. FINAL REPORT.

NATIONAL COMMITTEE FOR CAREERS IN MEDICAL TECHNO.

REPORT NUMBER BR-7-0635

NATIONAL COUNCIL ON MEDICAL TECHNOLOGY EDUCATION

PUB DATE 15 FEB 68

GRANT OEG-1-7-070635-3474

EDRS PRICE MF-$0.50 HC-$4.44 109P.

DESCRIPTORS-- *INSTITUTES (TRAINING PROGRAMS), *MEDICAL LABORATORY ASSISTANTS, *PROGRAM EVALUATION, *TEACHER EDUCATION, CURRICULUM DEVELOPMENT, HEALTH OCCUPATIONS EDUCATION, INTERDISCIPLINARY APPROACH, PILOT PROJECTS, PROGRAM DEVELOPMENT, PROGRAM GUIDES,

AN INTERDISCIPLINARY GROUP COOPERATED IN PLANNING, CONDUCTING, AND EVALUATING A TEACHER EDUCATION INSTITUTE THAT WOULD OFFER THE OPPORTUNITY FOR TEACHER PARTICIPANTS TO IMPROVE THEIR TEACHING, PROVIDE AN EXPERIMENTAL APPROACH TO TEACHER TRAINING, AND SERVE AS A MODEL FOR OTHER TEACHER TRAINING INSTITUTES. BEHAVIORAL OBJECTIVES AND PARTICIPANT SELECTION CRITERIA WERE DEVELOPED AND THE UNIVERSITY OF TENNESSEE WAS SELECTED TO CONDUCT THE INSTITUTE. TWENTY-ONE TEACHERS PARTICIPATED IN THE 2-WEEK INSTITUTE WHICH COVERED FORMULATION OF OBJECTIVES, THE TEACHING ROLE OF THE MEDICAL TECHNOLOGIST, PSYCHOLOGICAL FACTORS OF TEACHING AND LEARNING, TEACHING METHODS AND TECHNIQUES, FUNDAMENTALS OF COMMUNICATIONS, GROUP DYNAMICS, OCCUPATIONAL ANALYSIS, LESSON PLANNING, AUDIOVISUAL INSTRUCTION, PROBLEMS OF THE DISADVANTAGED, AND EDUCATIONAL MEASUREMENT. THE EDUCATIONAL TESTING SERVICE, AN INDEPENDENT ORGANIZATION, EVALUATED THE INSTITUTE. IT WAS CONCLUDED THAT ON THE WHOLE THE NEEDS OF THE PARTICIPANTS WERE MET. HOWEVER, SOME EXPRESSED AN UNSATISFIED NEED FOR COURSE CONTENT FOR MEDICAL LABORATORY ASSISTANT PROGRAMS. PRACTICE TEACHING WAS THE MOST WORTHWHILE EXPERIENCE. VALUABLE SUBJECT MATTER AREAS WERE BEHAVIORAL OBJECTIVE FORMULATION, LESSON PLANNING, TEACHING STRATEGIES, AND THE USE OF VISUAL AIDS. APPENDIXES INCLUDE AN INSTITUTE ANNOUNCEMENT, SELECTION FORM, SELECTION CRITERIA REPORT, BIBLIOGRAPHY, LIST OF MATERIALS DISTRIBUTED, FORMS FOR EVALUATION OF TEACHER AND INSTITUTE, A LEARNING EXPERIENCES ANALYSIS FORM, AND THE EDUCATIONAL TESTING SERVICE REPORT. (JK)

ED 021 065 **VT 005 507**

SUTTON, MACK C.

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, COMPUTERIZED CONTROL SERIES. LOGICAL FUNDAMENTALS OF DIGITAL COMPUTERS. UNIT 10A.

TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.
TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.
PUB DATE NOV 67
DOCUMENT NOT AVAILABLE FROM EDRS.
DESCRIPTORS— *DIGITAL COMPUTERS, *ELECTRONIC TECHNICIANS, *PROGRAMED TEXTS, *TRADE AND INDUSTRIAL EDUCATION, PROGRAMED INSTRUCTION,
THIS SELF-INSTRUCTIONAL PROGRAMED TEXT IS FOR STUDENT USE IN STUDYING THE ELECTRONIC DIGITAL COMPUTER CONTROL SYSTEM. IT WAS DEVELOPED BY AN INSTRUCTIONAL MATERIALS SPECIALIST AND ADVISERS AND TESTED THROUGH STUDENT USE. THE CONTENT OBJECTIVES ARE TO ESTABLISH CONCEPTS AND UNDERSTANDING OF DIGITAL COMPUTER TECHNIQUES, CONTROL ELEMENTS, STATIC AND DYNAMIC INFORMATION STORAGE SYSTEMS, AND PARALLEL ARITHMETIC UNITS. THE UNITS ARE–(1) THE ARITHMETIC AND LOGIC OF DIGITAL COMPUTERS, (2) LOGICAL FUNDAMENTALS OF THE CONTROL ELEMENTS, (3) BINARY INFORMATION STORAGE SYSTEMS, AND (4) THE PARALLEL ARITHMETIC UNIT. THE FIRST SHEET OF EACH SECTION LISTS THE SUBJECTS, STATES THE OBJECTIVES, AND DIRECTS THE STUDENT IN USING THE MATERIAL IN THAT SECTION. EXERCISES ARE GIVEN UNDER EACH SUBJECT HEADING, AND ANSWERS TO THE EXERCISES ARE LOCATED AT THE END OF EACH SECTION. ALTHOUGH THE SELF-CONTAINED TEXT IS DESIGNED AS SELF-INSTRUCTIONAL PROGRAMED MATERIAL FOR STUDENT USE FOR AN INDEFINITE PERIOD, IT CAN BE ADPATED FOR CLASSROOM USE BY SUPPLEMENTING IT WITH ADDITIONAL QUESTIONS, TESTS, AND DEMONSTRATIONS. THE STUDENTS SHOULD BE ELECTRICAL-ELECTRONIC TECHNICIANS IN INDUSTRY AND HAVE AN UNDERSTANDING OF ELECTRICAL AND MAGNETIC FUNDAMENTALS. LINE DRAWING ILLUSTRATIONS AND FOLD-OUT PANEL DIAGRAMS ARE INCLUDED. THIS UNIT IS PART OF A SERIES DEVELOPED FOR AN ELECTRICAL-ELECTRONIC PROGRAM. ASSIGNMENTS AND INSTRUCTOR'S GUIDES FOR THE OTHER UNITS ARE VT 000 284-VT 000 287, AND VT 000 308-VT 000 321. THIS DOCUMENT IS AVAILABLE FOR $7.00 FROM INDUSTRIAL EDUCATION DEPARTMENT, DIVISION OF EXTENSION, THE UNIVERSITY OF TEXAS, AUSTIN, TEXAS 78712. (HC)

ED 021 066 08 VT 005 525
RAHMLOW, HAROLD F. KIEHN, SHIRLEY O.
A SURVEY AND ANALYSIS OF MAJOR TASKS, KNOWLEDGES ASSOCIATED WITH WORK IN CHILD CARE OCCUPATIONS. FINAL REPORT.
WASHINGTON STATE UNIV., PULLMAN
REPORT NUMBER BR-7-0031
PUB DATE NOV 67
GRANT OEG-4-7-070031-1626
EDRS PRICE MF-$0.25 HC-$1.76 42P.
DESCRIPTORS— *CHILD CARE WORKERS, *JOB SKILLS, *TASK ANALYSIS, CHILD CARE CENTERS, CURRICULUM DEVELOPMENT, EDUCATIONAL NEEDS, INDIVIDUAL CHARACTERISTICS, NONPROFESSIONAL PERSONNEL, QUESTIONNAIRES, STAFF ROLE, STATE SURVEYS, TAXONOMY, WASHINGTON,
GROWING BODIES OF RESEARCH DEMONSTRATE THAT THE QUALITY OF HUMAN PERCEPTIONS, GOALS, AND RELATIONSHIPS DEPEND LARGELY ON EDUCATIONAL PROGRAMS THAT PREPARE MOTHERS AND CHILD CARE WORKERS TO FOSTER CHILDREN'S FULL INTELLECTUAL, PHYSICAL, AND EMOTIONAL DEVELOPMENT. A STUDY WAS CONDUCTED TO IDENTIFY KNOWLEDGE AND COMPETENCY CLUSTERS ASSOCIATED WITH NON-PROFESSIONAL CHILD CARE OCCUPATIONS FOR USE IN OCCUPATIONAL CURRICULUMS, OR FAMILY LIFE EDUCATIONAL PROGRAMS. A TOTAL OF 255 PERSONS EMPLOYED IN 96 DAY CARE CENTERS, NURSERIES, HEAD START PROJECTS, AND MIGRANT WORKER DAY CARE CENTERS RESPONDED TO A QUESTIONNAIRE TO DETERMINE THEIR MAJOR TASKS. THE TASKS WERE ANALYZED TO ASCERTAIN THE KNOWLEDGES NECESSARY FOR THEIR PERFORMANCE, AND THESE WERE CLASSIFIED INTO CHILD DEVELOPMENT, MATERIALS AND EQUIPMENT, PHYSICAL ARRANGEMENTS, AND MANAGEMENT KNOWLEDGES. NO RELATIONSHIP WAS FOUND BETWEEN THE WORKER EDUCATIONAL LEVEL AND THE TASKS PERFORMED. DIFFERENT WORK CATEGORIES INVOLVE DIFFERENT LEVELS OF KNOWLEDGE. ALL CHILD CARE WORKERS NEEDED KNOWLEDGE AT THE LOWEST LEVEL WHILE FEWER WOULD BE EXPECTED TO POSSESS KNOWLEDGE AT THE HIGHEST LEVEL. CHILD CARE WORKER EDUCATION COULD BE EXPEDITED BY THE DEVELOPMENT OF A KNOWLEDGE TAXONOMY AS A BASIS FOR A SPIRAL CURRICULUM WHEREBY THE VARIOUS LEVELS OF KNOWLEDGE COULD BE TAUGHT AT THEIR APPROPRIATE PLACE TO PREPARE STUDENTS FOR ENTRY LEVEL JOBS AND OCCUPATIONAL MOBILITY. BASIC CHILD CARE KNOWLEDGES PROBABLY SHOULD BE TAUGHT AND DESIRABLE PERSONAL CHARACTERISTICS DEVELOPED IN HIGH SCHOOL. A TENTATIVE TAXONOMY OF LEVELS DERIVED FROM BLOOM'S CONCEPT OF THE COGNITIVE DOMAIN, A LIST OF PERSONAL CHARACTERISTICS REQUIRED TO WORK EFFECTIVELY WITH CHILDREN, REFERENCES, RESEARCH DATA, AND THE QUESTIONNAIRE ARE INCLUDED. (FP)

ED 021 067 08 VT 005 545
LONG, GILBERT A.
CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED IN SEVEN TYPES OF AGRICULTURAL PRODUCTION–GRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, AND GENERAL FARMING. REPORT NO. 27.
WASHINGTON STATE UNIV., PULLMAN, DEPT. OF EDUC.
WASHINGTON STATE BOARD FOR VOCAT. EDUC., OLYMPIA
REPORT NUMBER BR-7-0031
PUB DATE JUN 68
GRANT OEG-4-7-070031-1626
EDRS PRICE MF-$0.50 HC-$3.56 87P.
DESCRIPTORS— *AGRICULTURAL PRODUCTION, *FARMERS, *TASK ANALYSIS, *VOCATIONAL AGRICULTURE, CURRICULUM DEVELOPMENT, FARM MANAGEMENT, QUESTIONNAIRES, STATE SURVEYS, WASHINGTON,
THE OBJECTIVE OF THIS STUDY WAS TO OBTAIN UP-TO-DATE FACTS ABOUT CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED PRIMARILY IN PRODUCING GRAIN, LIVESTOCK, DAIRY COMMODITIES, POULTRY, FOREST PRODUCTS, HORTICULTURAL COMMODITIES, AND GENERAL FARMING COMMODITIES. FROM A RANDOM SAMPLE OF 267 FARMERS REPRESENTING THOSE CATEGORIES 178 RETURNED USEABLE QUESTIONNAIRES DESIGNED TO DETERMINE PERFORMANCE OF TASKS CLASSIFIED AS ANIMAL CARE, PLANT PRODUCTION, LAND MANAGEMENT, HARVESTING AND PROCESSING, GENERAL MANAGEMENT, MARKETING, EQUIPMENT USE AND CARE, AND BUILDING MAINTENANCE AND CONSTRUCTION. DATA COLLECTED WERE SUMMARIZED BY PRODUCTION AREA. RESULTS SHOWED THAT TASKS CLASSIFIED AS MANAGEMENT, MARKETING, ANIMAL CARE, AND PLANT PRODUCTION ARE PERFORMED BY LARGE PERCENTAGES OF MOST CATEGORIES OF FARM OPERATORS. THE NEED FOR BROAD HIGH SCHOOL PROGRAMS TO ENCOMPASS THE BREADTH AND COMPLEXITY OF AGRICULTURAL PRODUCTION AND AGRI-BUSINESSES. A BIBLIOGRAPHY AND THE QUESTIONNAIRE ARE INCLUDED. (DM)

ED 021 068 08 VT 005 551
V.I.E.W., VOCATIONAL INFORMATION FOR EDUCATION AND WORK.
UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.
REPORT NUMBER BR-6-3046
UTAH STATE DEPT. OF EMPLOYMENT SECURITY
GRANT OEG-4-7-063046-1612
EDRS PRICE MF-$2.00 HC-$19.68 490P.
DESCRIPTORS— *EDUCATIONAL NEEDS, *EMPLOYMENT OPPORTUNITIES, *EMPLOYMENT QUALIFICATIONS, *OCCUPATIONAL INFORMATION, *OCCUPATIONS, SALARIES, UTAH, WORK ENVIRONMENT,
THE PURPOSE OF THIS VOLUME IS TO PROVIDE A READILY ACCESSIBLE SOURCE OF VOCATIONAL INFORMATION WHICH ACQUAINTS THE HIGH SCHOOL STUDENT WITH A WIDE VARIETY OF JOBS AVAILABLE IN UTAH, GIVES BASIC INFORMATION ABOUT A GIVEN JOB, AND IS EASILY READ. THE 121 JOB DESCRIPTIONS ARE ARRANGED ALPHABETICALLY, ARE IN OUTLINE FORM, AND CONTAIN INFORMATION ABOUT JOB DUTIES, APTITUDES NEEDED FOR SUCCESS IN THE OCCUPATION, HIGH SCHOOL SUBJECTS NEEDED, SALARIES EXPECTED, WORKING CONDITIONS, LOCATIONS IN UTAH WHERE MOST WORKERS ARE EMPLOYED, NUMBER OF WORKERS PRESENTLY IN THE FIELD, NUMBER OF WORKERS NEEDED IN THE FUTURE, AND ADVANCEMENT PROSPECTS. (PS)

ED 021 069 VT 005 628
MILLER, A.J. VALENTINE, I.E.
NATIONAL PROGRAM DEVELOPMENT INSTITUTES IN TECHNICAL EDUCATION, SUMMER 1967, A COMPILATION OF SELECTED PRESENTATIONS AND INSTRUCTIONAL MATERIALS. LEADERSHIP 16.
OHIO STATE UNIV., COLUMBUS, CENTER FOR VOC. EDUC.
PUB DATE FEB 68
EDRS PRICE MF-$0.75 HC-$7.64 189P.
DESCRIPTORS— *INSTITUTES (TRAINING PROGRAMS), *INSTRUCTIONAL MATERIALS, *LEADERSHIP TRAINING, *TECHNICAL EDUCATION, ADMINISTRATIVE PROBLEMS, CURRICULUM, EDUCATIONAL FACILITIES, EDUCATIONAL RESOURCES, FEDERAL STAATE RELATIONSHIP, FINANCIAL SUPPORT, INSTRUCTIONAL STAFF, LEADERSHIP QUALITIES, LEADERSHIP STYLES, NATIONAL PROGRAMS, PROGRAM PLANNING, PUBLIC RELATIONS, RESEARCH NEEDS, SPEECHES, STUDENTS, SURVEYS, TEACHER EDUCATION,
SELECTED MATERIALS GENERATED BY THE FOUR 1967 SUMMER LEADERSHIP DEVELOPMENT INSTITUTES IN TECHNICAL EDUCATION ARE PRESENTED. THE MATERIALS WERE COMPILED TO FULFILL A NEED FOR ADDITIONAL INSTRUCTIONAL MATERIALSTO BE USED IN CONDUCTING FUTURE STATE AND LOCALLY SPONSORED TRAINING ACTIVITIES AND INSTITUTES. COMMISSIONED PAPERS ARE–"A DESIGN FOR THE DYNAMIC LEADERSHIP IN VOCATIONAL EDUCATION IN THE DECADE AHEAD" BY RICHARD S. NELSON, "INTERMEDIATE AND LONG-RANGE PROGRAM PLANNING IN VOCATIONAL-TECHNICAL EDUCATION" BY JOSEPH T. NERDEN, AND "TECHNICIAN NEED SURVEYS" BY HERBERT RIGHTHAND. ALSO INCLUDED ARE–(1) 21 REPRESENTATIVE PAPERS ON INSTRUCTIONAL TOPICS DISCUSSED AT THE INSTITUTES CONDUCTED BY THE UNIVERSITY OF CALIFONRNIA AT LOS ANGELES, THE UNIVERSITY OF CONNECTICUT, UTAH STATE UNIVERSITY, AND MISSISSIPPI STATE UNIVERSITY, (2) A PRESENTATION ON THE ERIC SYSTEM DESIGNED AS A BASIC SCRIPT TO BE USED WITH TRANSPARENCIES WHICH CAN BE DUPLICATED FROM ACCOMPANYING ILLUSTRATIONS, AND (3) A SERIES OF VOCATIONAL AND TECHNICAL EDUCATION FACILITIES LAYOUTS PROVIDED BY THE U.S. OFFICE OF EDUCATION, BUREAU OF ADULT AND VOCATIONAL EDUCATION, AND DIVISION OF VOCATIONAL AND TECHNICAL EDUCATION, TO SHOW THE DIVERSITY OF FACILITY DESIGNS BEING IMPLEMENTED THROUGHOUT THE NATION. (HC)

ED 021 070 VT 005 631
GARBIN, A.P. AND OTHERS
WORKER ADJUSTMENT–YOUTH IN TRANSITION FROM SCHOOL TO WORK, AN ANNOTATED BIBLIOGRAPHY OF RECENT LITERATURE. BIBLIOGRAPHY 2.
OHIO STATE UNIV., COLUMBUS, CENTER FOR VOC. EDUC.
PUB DATE 68
EDRS PRICE MF-$0.75 HC-$5.80 143P.

DESCRIPTORS— *ANNOTATED BIBLIOGRAPHIES, *RESEARCH REVIEWS (PUBLICATIONS), *VOCATIONAL ADJUSTMENT, *YOUTH PROBLEMS, COMMUNITY ROLE, EDUCATIONAL EXPERIENCE, LABOR FORCE, PERCEPTION, PSYCHOLOGICAL PATTERNS, SCHOOL ROLE, SOCIAL PROBLEMS, WORK ATTITUDES, WORK ENVIRONMENT,

IN THE COURSE OF DESIGNING AN EXPLORATORY STUDY OF THE MAJOR SOCIOPSYCHOLOGICAL PROBLEMS FACED BY YOUTH (16 TO 25 YEARS OLD) IN MAKING THE TRANSITION FROM SCHOOL TO WORK, THIS BIBLIOGRAPHY WAS PREPARED TO MEET THE NEEDS OF BOTH RESEARCHERS AND PRACTITIONERS AND TO FILL A VOID IN THE LIERATURE. THE ABSTRACTS, LIMITED TO THE PERIOD 1960 TO 1968, COVER PRIMARILY MATERIALS WHICH HAVE NOT BEEN INCLUDED IN BIBLIOGRAPHIES AND SUMMARIES ALREADY AVAILABLE. THE 165 ANNOTATIONS, ARRANGED ALPHABETICALLY BY AUTHOR, PRESENT THE PURPOSE, METHODOLOGY, AND FINDINGS OF EMPIRICAL STUDIES AND GENERAL SUMMARIES OF NON-EMPIRICAL WORKS. TWENTY-THREE ABSTRACTS ARE OF BOOKS OR MONOGRAPHS AND MORE THAN THREE-FOURTHS ARE ARTICLES FOUND IN APPROXIMATELY 50 DIFFERENT PROFESSIONAL JOURNALS. A USER INDEX IDENTIFIES THOSE SELECTIONS DEEMED, BY A PANEL OF JUDGES, TO BE OF INTEREST TO EACH OF SIX USER POPULATION CATEGORIES–RESEARCHERS, GUIDANCE PERSONNEL, TEACHERS, SCHOOL ADMINISTRATORS, WORK MANAGERS, AND "GENERAL INTEREST." A TOPIC INDEX UTILIZING DETAILED TOPICAL BREAKDOWNS IDENTIFIES, ACCORDING TO GENERAL LEVEL OF ANALYSIS (INDIVIDUAL, COMMUNITY, SCHOOL TRANSITION, AND WORK ENVIRONMENT), ABSTRACTS WHICH RELATED MOST DIRECTLY TO SPECIFIC FACETS OF THE GENERAL AREA OF WORKER ADJUSTMENT PROBLEMS AS THEY PERTAIN TO YOUTH. AN AUTHOR INDEX AND A FIVE-PAGE INTRODUCTION PRESENTING AN OVERVIEW OF THE SCHOOL TO WORK TRANSITION PROBLEM ARE INCLUDED. A RELATED DOCUMENT, ". PROBLEMS IN THE TRANSITION FROM HIGH SCHOOL TO WORK AS PERVEIVED BY VOCATIONAL EDUCATORS," IS AVAILABLE AS VT 003 304 OR ED 016 811. THIS DOCUMENT IS AVAILABLE FOR $3.25 FROM THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY, 980 KINNEAR ROAD, COLUMBUS, OHIO 43212. (ET)

ED 021 071 **VT 005 635**

HOME HEALTH AIDE TRAINING PROJECT. FINAL REPORT.

NEW HAVEN VISITING NURSE ASSN., CONN.

GREATER NEW HAVEN COMMUNITY COUNCIL, CONN.

PUB DATE 67

EDRS PRICE MF-$0.25 HC-$1.16 27P.

DESCRIPTORS— *EDUCATIONAL PROGRAMS, *HEALTH OCCUPATIONS EDUCATION, *HOME HEALTH AIDES, *PROJECT EVALUATION, EDUCATIONAL FACILITIES, EMPLOYMENT PROGRAMS, INTERNSHIP PROGRAMS, LOW INCOME GROUPS, MANPOWER DEVELOPMENT, NURSES, PREVOCATIONAL EDUCATION, PUBLIC HEALTH, RECRUITMENT, SELECTION,

THE HOME HEALTH AIDE PERFORMS SIMPLE PERSONAL CARE FUNCTIONS UNDER NURSING SUPERVISION IN THE HOME CARE OF AN ILL OR DISABLED PERSON. THE PROJECT OBJECTIVES WERE TO TRAIN AS AIDES 30 MEN AND WOMEN AGE 45 YEARS AND OLDER WITH LIMITED INCOMES TO MEET A COMMUNITY EMPLOYMENT NEED AND TO EXPERIMENT IN RECRUITMENT, SELECTION, TRAINING, AND EMPLOYMENT PROCEDURES. RECRUITMENT AND INITIAL SCREENING WERE HANDLED BY THE NEIGHBORHOOD EMPLOYMENT CENTERS, AND FINAL DECISIONS WERE MADE BY THE PROJECT DIRECTOR. THIRTY APPLICANTS WERE ACCEPTED IN TWO GROUPS. FOUR WEEKS OF PRE-SERVICE TRAINING AIMED AT DEVELOPING NEEDED SKILLS. DURING A 2-WEEK ON-THE-JOB TRAINING PERIOD, THE AIDES WERE ASSIGNED TO CAREFULLY SELECTED PATIENT CARE SITUATIONS IN WHICH, UNDER SUPERVISION, THEY DEMONSTRATED THEIR ABILITIES TO GIVE PERSONAL CARE. ON THE 5TH DAY OF EACH WEEK THEY RETURNED TO THE TRAINING FACILITY TO DISCUSS THEIR EXPERIENCES AND REVIEW PROCEDURES. THE 14- TO 16-WEEK INTERNSHIP MARKED THE BEGINNING OF FORMAL EMPLOYMENT AND, DURING THIS PERIOD, A GROUP CONFERENCE, LED BY THE PROJECT DIRECTOR , WAS HELD 1 AFTERNOON A WEEK. TRAINEES WERE PAID $1.40 PER HOUR DURING THE FIRST AND SECOND PERIODS AND $1.50 DURING THE INTERNSHIP. OF THE 30 TRAINEES, 27 COMPLETED THE INTERNSHIP, AND 23 WERE EMPLOYED IN TRAINING-RELATED WORK AT THE TIME OF THE REPORT. A DESCRIPTION OF THE HOME HEALTH AIDE SERVICE OF THE VISITING NURSE ASSOCIATION AND A LIST OF PERSONAL CARE PROCEDURES ARE INCLUDED. (JK)

ED 021 072 **VT 005 655**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT I, GENERAL INTRODUCTION TO DIESEL ENGINES.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER PTAM-1-1

PUB DATE 29 SEP 65

EDRS PRICE MF-$0.25 HC-$1.52 36P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

ONE OF A 30-MODULE COURSE DESIGNED TO UPGRADE THE JOB SKILLS AND TECHNICAL KNOWLEDGE OF DIESEL MAINTENANCE MECHANICS, THIS MATERIAL WAS DEVELOPED BY INDUSTRIAL TRAINING AND SUBJECT-MATTER SPECIALISTS AND TESTED IN INDUSTRIAL TRAINING SITUATIONS. THE PURPOSE OF THIS FIRST UNIT IS TO PROVIDE AN INTRODUCTION TO DIESEL ENGINES BY DEVELOPING AN UNDERSTANDING OF THE DIFFERENCES BETWEEN DIESEL AND GASOLINE ENGINES, DIESEL ENGINE COMPONENTS, AND DIESEL OPERATION. THE MODULE CONSISTS OF AN INSTRUCTOR'S GUIDE, TRANSPARENCIES AND A LIST OF SUGGESTED SUPPLEMENTARY MATERIALS FOR 2 HOURS OF GROUP INSTRUCTION, TRAINEE TEXT MATERIAL, AND SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "DIESEL AUTOMOTIVE MAINTENANCE–GENERAL INTRODUCTION" FOR SELF-PACED INDIVIDUAL INSTRUCTION USING AN ELECTRONIC TUTOR. A REPRODUCTION OF THE TRAINING FILM WITH PROGRAM BRANCHING INFORMATION IS INCLUDED SO THAT IT MAY BE DEVELOPED AS PRINTED MATERIAL FOR USE WITHOUT THE ELECTRONIC TUTOR. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 073 **VT 005 656**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT II, MAINTAINING THE AIR SYSTEM–DETROIT DIESEL ENGINES.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER PTAM-1-2

PUB DATE 27 SEP 65

EDRS PRICE MF-$0.50 HC-$2.40 58P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE AIR SYSTEM. TOPICS ARE (1) OPERATION AND FUNCTION, (2) AIR CLEANER, (3) AIR SHUT-DOWN HOUSING, (4) EXHAUST SYSTEM, (5) BLOWER, (6) TURBOCHARGER, AND (7) TROUBLE-SHOOTING TIPS ON THE AIR SYSTEM. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "DIESEL AUTOMOTIVE MAINTENANCE–DETROIT DIESEL AIR SYSTEM" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 074 **VT 005 657**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT III, MAINTAINING THE FUEL SYSTEM–DETROIT DIESEL ENGINE.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER PTAM-1-3

PUB DATE 29 SEP 65

EDRS PRICE MF-$0.25 HC-$1.84 44P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE FUEL SYSTEM. TOPICS ARE (1) PURPOSE OF THE FUEL SYSTEM, (2) TRACING THE FUEL FLOW, (3) MINOR COMPONENTS OF THE FUEL SYSTEM, (4) MAINTENANCE TIPS, (5) CONSTRUCTION AND FUNCTION OF THE FUEL INJECTORS, AND (6) TROUBLESHOOTING TIPS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "MAINTAINING THE FUEL SYSTEM–DETROIT DIESEL" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 075 **VT 005 658**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IV, MAINTAINING THE COOLING SYSTEM–DETROIT DIESEL ENGINES.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER PTAM-1-4

PUB DATE 6 OCT 65

EDRS PRICE MF-$0.25 HC-$1.72 41P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE COOLING SYSTEM. TOPICS ARE PURPOSE OF THE COOLING SYSTEM, CARE MAINTENANCE OF THE COOLING SYSTEM, COOLING SYSTEM COMPONENTS, AND TROUBLESHOOTING TIPS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "DIESEL AUTOMOTIVE MAINTENANCE–HEAT TRANSFER" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 076 **VT 005 659**

AUTOMOTIVE DIESEL MAINTENANCE, UNIT V, MAINTAINING THE LUBRICATION SYSTEM–DETROIT DIESEL ENGINE.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER PTAM-1-5

PUB DATE 1 OCT 65

EDRS PRICE MF-$0.25 HC-$1.68 40P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE LUBRICATION SYSTEM. TOPICS ARE LUBE OILS USED, MAINTENANCE OF THE LUBRICATION SYSTEM, AND CRANKCASE VENTILATION COMPONENTS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "BASIC ENGINE LUBRICANT CHARACTERISTICS" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 077 **VT 005 660**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VI, MAINTAINING MECHANICAL GOVERNORS–DETROIT DIESEL ENGINES.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER PTAM-1-6

PUB DATE 4 OCT 65

EDRS PRICE MF-$0.25 HC-$1.76 42P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF MECHANICAL GOVERNORS USED ON DIESEL ENGINES. TOPICS ARE (1) TYPES OF GOVERNORS AND ENGINE LOCATION, (2) GOVERNOR APPLICATIONS, (3) LIMITING SPEED MECHANICAL GOVERNOR, (4) VARIABLE SPEED MECHANICAL GOVERNOR, AND (5) CONSTANT SPEED MECHANICAL GOVERNOR. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "MECHANICAL PRINCIPLES OF GOVERNOR OPERATION" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 078 **VT 005 661**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VII, ENGINE TUNE-UP–DETROIT DIESEL ENGINE.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER PTAM-1-7

PUB DATE 11 OCT 65

EDRS PRICE MF-$0.50 HC-$2.44 59P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF TUNE-UP PROCEDURES FOR DIESEL ENGINES. TOPICS ARE SCHEDULING TUNE-UPS, AND TUNE-UP PROCEDURES. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "ENGINE TUNE-UP–DETROIT DIESEL ENGINE" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 079 **VT 005 662**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VIII. ENGINE COMPONENTS–PART I.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-8

PUB DATE 1 OCT 66

EDRS PRICE MF-$0.25 HC-$2.32 56P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE CONSTRUCTION AND MAINTENANCE OF DIESEL ENGINE CYLINDER HEADS AND CYLINDER ASSEMBLIES. TOPICS ARE CYLINDER ASSEMBLY (LINERS), CYLINDER HEADS, VALVES AND VALVE MECHANISMS, AND PISTON AND PISTON RINGS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "ENGINE COMPONENTS–PART I" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 080 **VT 005 663**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IX, ENGINE COMPONENTS.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-9

PUB DATE 29 DEC 65

EDRS PRICE MF-$0.25 HC-$1.88 45P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADUT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE CONSTRUCTION, FUNCTION, AND MAINTENANCE OF DIESEL ENGINE CRANKSHAFTS, CAMSHAFTS, AND ASSOCIATED BEARINGS. TOPICS ARE SHAFTS AND BEARINGS, CAMSHAFTS, BEARINGS AND THEIR MAINTENANCE, AND DETECTING FAILURE. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "ENGINE COMPONENTS–PART II" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAM TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.7 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER,2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 081 **VT 005 664**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT X, USE OF MEASURING TOOLS IN DIESEL MAINTENANCE.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-10

PUB DATE 3 JAN 66

EDRS PRICE MF-$0.25 HC-$2.16 52P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *MEASUREMENT INSTRUMENTS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING

OF THE PRECISION MEASURING TOOLS USED IN DIESEL ENGINE MAINTENANCE. TOPICS ARE (1) LINEAR MEASURE, (2) MEASURING WITH RULES AND TAPES, (3) GETTING PRECISION WITH MICROMETERS, (4) DIAL INDICATORS, (5) TACHOMETERS, (6) TORQUE WRENCH, (7) THICKNESS (TECHER) GAGE, AND (8) VALVE REPAIR EQUIPMENT. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "USE OF MEASURING TOOLS IN DIESEL MAINTENANCE" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 865 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 082 **VT 005 665**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XI, PART I--MAINTAINING THE FUEL SYSTEM (PART I), CUMMINS DIESEL ENGINES, PART II--UNIT REPLACEMENT (ENGINE).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-11

PUB DATE 31 JAN 66

EDRS PRICE MF-$0.25 HC-$2.08 50P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF DIFFERENCES BETWEEN TWO AND FOUR CYCLE ENGINES, THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE FUEL SYSTEM, AND THE PROCEDURES FOR DIESEL ENGINE REMOVAL. TOPICS ARE (1) REVIEW OF TWO CYCLE AND FOUR CYCLE CONCEPT, (2) SOME BASIC CHARACTERISTICS OF FOUR CYCLE ENGINES, (3) THE CUMMINS FUEL SYSTEM, (4) PREPARATION FOR REMOVAL, AND (5) UNIT REMOVAL. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "UNDERSTANDING BASIC HYDRAULICS IN RELATION TO CUMMINS FUEL PUMPS" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 083 **VT 005 666**

AUTOMOTIVE DIESEL MAINTENANCE L. UNIT XII, PART I--MAINTAINING THE FUEL SYSTEM (PART II), CUMMINS DIESEL ENGINE, PART II--UNIT INSTALLATION (ENGINE).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-12

PUB DATE 24 FEB 66

EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE FUEL SYSTEM AND THE PROCEDURES FOR DIESEL ENGINE INSTALLATION. TOPICS ARE FUEL FLOW CHARACTERISTICS, PTG FUEL PUMP, PREPARATION FOR INSTALLATION, AND INSTALLING ENGINE. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "PRINCIPLES OF TORCH CUTTING" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VY 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE NEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 084 **VT 005 667**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIII, I--MAINTAINING THE FUEL SYSTEM (PART III), CUMMINS DIESEL ENGINES, II--RADIATOR SHUTTER SYSTEM.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-13

PUB DATE 15 MAR 66

EDRS PRICE MF-$0.50 HC-$2.40 58P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF THE DIESEL ENGINE FUEL AND RADIATOR SHUTTER SYSTEMS. TOPICS ARE (1) MORE ABOUT THE CUMMINS FUEL SYSTEM, (2) CALIBRATING THE PT FUEL PUMP, (3) CALIBRATING THE FUEL INJECTORS, (4) UNDERSTANDING THE SHUTTER SYSTEM, (5) THE SHUTTER, (6) SHUTTER CONTROL CYLINDER, AND (7) SHUTTER CONTROL VALVE. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "OPERATION OF THE CUMMINS PT FUEL SYSTEM COMPONENTS" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 085 **VT 005 668**

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIV, I--MAINTAINING THE AIR SYSTEM, CUMMINS DIESEL ENGINE, II--UNIT REMOVAL--TRANSMISSION.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-14

PUB DATE 19 APR 66

EDRS PRICE MF-$0.25 HC-$1.92 46P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATING PRINCIPLES AND MAINTENANCE OF THE DIESEL ENGINE AIR SYSTEM AND THE PROCEDURES FOR TRANSMISSION REMOVAL. TOPICS ARE (1) DEFINITION OF TERMS RELATED TO THE DIESEL AIR SYSTEM, (2) PRNCIPLES OF DIESEL AIR COMPRESSORS, (3) PRINCIPLES OF AIR STARTING MOTORS, (4) SERVICING CUMMINS AIR SYSTEM COMPONENTS, (5) PREPARATION FOR REMOVAL (TRANSMISSION), AND (6) UNIT REMOVAL. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "UNDERSTANDING THE DIESEL AIR SYSTEM" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 086 **VT 005 669**

AUTOMOTIVE DIESEL MAINTENACE 1. UNIT XV, I--MAINTAINING THE COOLING SYSTEM, CUMMINS DIESEL ENGINE, I--UNIT INSTALLATION--TRANSMISSION.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-15

PUB DATE 26 APR 66

EDRS PRICE MF-$0.25 HC-$1.72 41P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE FUNCTION AND MAINTENANCE OF THE DIESEL ENGINE COOLING SYSTEM AND THE PROCEDURES FOR TRANSMISSION INSTALLATION. TOPICS ARE (1) IMPORTANCE OF THE COOLING SYSTEM, (2) COOLING SYSTEM COMPONENTS, (3) EVALUATING COOLING SYSTEM FAILURES, (4) CARING FOR THE COOLING SYSTEM, (5) PREPARATION FOR INSTALLATION (TRANSMISSION), AND (6) INSTALLING TRANSMISSION. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "PRINCIPLES OF DIESEL ENGINE COOLING SYSTEMS" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 087 **VT 005 670**

AUTOMOTIVE DIESEL MAINTENANCE 1, UNIT XVI, I--USE AND CARE OF SMALL HAND

TOOLS, II--PRINCIPLES OF THE POWER DIVIDER.
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-1-16
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
PUB DATE 9 MAY 66
EDRS PRICE MF-$0.25 HC-$2.00 48P.
DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF SMALL HAND TOOLS USED IN DIESEL ENGINE MAINTENANCE AND THE OPERATING PRINCIPLES AND MAINTENANCE OF POWER DIVIDERS (GEAR BOXES) USED IN DIESEL ENGINE POWER DISTRIBUTION. TOPICS ARE (1) UNDERSTANDING TORQUE AND HOW IT IS MEASURED, (2) REPAIRING AND REPLACING THREADED FASTENERS, (3) UNDERSTANDING THE OPERATING PRINCIPLES (POWER DIVIDERS), AND (4) POWER DIVIDER REMOVAL. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "PRINCIPLES AND APPLICATIONS OF BASIC MACHINES" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 088 VT 005 671
AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVII, I--MAINTAINING THE LUBRICATION SYSTEM--CUMMINS DIESEL ENGINE, II--UNIT INSTALLATION AND REMOVAL--DRIVE LINES.
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-1-17
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
PUB DATE 24 MAY 66
EDRS PRICE MF-$0.25 HC-$2.24 54P.
DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE DIESEL ENGINE LUBRICATION SYSTEM AND THE PROCEDURES FOR REMOVAL AND INSTALLATION OF THE DRIVE LINE USED IN DIESEL ENGINE POWER DISTRIBUTION. TOPICS ARE (1) PROLONGING ENGINE LIFE, (2) FUNCTIONS OF THE LUBRICATING SYSTEM, (3) TRACING THE LUBRICANT FLOW, (4) DETERMINING LUBRICATION SYSTEM FAILURES, (5) MAINTAINING LUBRICATION SYSTEM COMPONENTS, (6) LEARNING ABOUT OIL TESTS, (7) FIELD TESTING OF OIL, (7) DRIVE LINE DESCRIPTION, (8) REMOVAL OF DRIVE LINE, AND (9) TROUBLESHOOTING (DRIVE LINE). THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "UNDERSTANDING DIESEL ENGINE LUBRICATION SYSTEMS" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 089 VT 005 672
AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVIII, I--UNDERSTAND ENGINE GEARS AND GEARING PRINCIPLES, II--MACK INTER-AXLE POWER DIVIDER.
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-1-18
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
PUB DATE 16 JUN 66
EDRS PRICE MF-$0.25 HC-$2.00 48P.
DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF DIESEL ENGINE GEARS AND GEARING PRINCIPLES AND THE OPERATING PRINCIPLES AND MAINTENANCE OF POWER DIVIDERS (GEAR BOXES) USED IN DIESEL ENGINE POWER TRANSMISSION. TOPICS ARE (1) THE PURPOSE OF THE ENGINE GEARS, (2) INSPECTING FOR GEAR FAILURES, (3) INSPECTING FOR SHAFT FAILURES, (4) USING SNAP RINGS TO POSITION GEARS OR BEARINGS, (5) OPERATING PRINCIPLES (POWER DIVIDER), AND (6) REPAIRING THE MACK POWER DIVIDER. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "UNDERSTANDING GEARS AND GEAR RATIOS" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 090 VT 005 673
AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIX, I--ENGINE TUNE-UP--CUMMINS DIESEL ENGINE, II--FRONT END SUSPENSION AND AXLES.
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-1-19
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
PUB DATE 19 JUL 66
EDRS PRICE MF-$0.25 HC-$1.44 34P.
DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF DIESEL ENGINE TUNE-UP PROCEDURES AND THE DESIGN OF FRONT END SUSPENSION AND AXLES USED ON DIESEL ENGINE EQUIPMENT. TOPICS ARE (1) PRE-TUNE-UP CHECKS, (2) TIMING THE ENGINE, (3) INJECTOR PLUNGER AND VALVE ADJUSTMENTS, (4) FUEL PUMP ADJUSTMENTS ON THE ENGINE (PTR AND PTG), (5) HISTORY OF FRONT AXLES, AND (6) AXLE LOADS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "PRINCIPLES OF TUNE-UP--CUMMINS DIESEL ENGINE" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 091 VT 005 674
AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XX, CUMMINS DIESEL ENGINE, MAINTENANCE SUMMARY.
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-1-20
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
PUB DATE 21 JUL 66
EDRS PRICE MF-$0.25 HC-$1.44 34P.
DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO PROVIDE A SUMMARY OF THE REASONS AND PROCEDURES FOR DIESEL ENGINE MAINTENANCE. TOPICS ARE WHAT ENGINE BREAK-IN MEANS, ENGINE BREAK-IN, TORQUING BEARINGS (TEMPLATE METHOD), AND THE NEED FOR MAINTENANCE. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "CUMMINS DIESEL ENGINE MAINTENANCE SUMMARY" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 092 VT 005 675
AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXI, I--MAINTAINING THE AIR SYSTEM--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING REAR END SUSPENSION.
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-1-21
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
PUB DATE 9 AUG 66
EDRS PRICE MF-$0.25 HC-$1.80 43P.
DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE AIR SYSTEM AND REAR AXLE SUSPENSION USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) AIR INDUCTION AND EXHAUST SYSTEM, (2) VALVE MECHANISM, (3) TROUBLESHOOTING THE AIR SYSTEM, (4) PURPOSE OF VEHICLE SUSPENSION, (5) TANDEM DRIVE AXLE SUSPENSION, AND (6) COMPRESSED NITROGEN CYLINDER SUSPENSION SYSTEM. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "MAINTAINING THE AIR INTAKE AND EXHAUST SYSTEMS--CATERPILLAR DIESEL ENGINE" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 685. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 093 VT 005 676

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXII, I--MAINTAINING THE FUEL SYSTEM (PART I)--CUMMINS DIESEL ENGINE, II--UNDERSTANDING THE DIFFERENTIAL.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-22

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 13 AUG 66

EDRS PRICE MF-$0.25 HC-$1.40 33P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE FUNCTION AND MAINTENANCE OF THE DIESEL ENGINE FUEL SYSTEM AND DIFFERENTIAL DRIVE UNITS USED IN DIESEL POWERED VEHICLES. TOPICS ARE (1) FUEL SYSTEM COMPARISONS, (2) FUEL SYSTEM SUPPLY COMPONENTS, (3) FUEL SUPPLY SECTION MAINTENANCE, (4) FUNCTION OF THE DIFFERENTIAL, (5) CONSTRUCTION OF THE DIFFERENTIAL, AND (6) DIFFERENTIAL REMOVAL. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "UNDERSTANDING THE CATERPILLAR FUEL SYSTEM" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAM TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 094 VT 005 677

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIII, I--MAINTAINING THE FUEL SYSTEM, PART II--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING STEERING SYSTEMS.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-23

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 16 AUG 66

EDRS PRICE MF-$0.25 HC-$0.80 18P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE FUEL INJECTION SYSTEM AND THE STEERING SYSTEM OF DIESEL POWERED VEHICLES. TOPICS ARE FUEL INJECTION SECTION, AND DESCRIPTION OF THE STEERING SYSTEM. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "UNDERSTANDING THE CATERPILLAR FUEL SYSTEM" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUOTMOTIVE DIESEL MAINTENANCE 1 AND 1" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 095 VT 005 678

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIV, I--MAINTAINING THE FUEL SYSTEM PART III--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING THE VOLTAGE REGULATOR/ALTERNATOR.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-24

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 16 AUG 66

EDRS PRICE MF-$0.25 HC-$1.04 24P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE FUEL AND BATTERY CHARGING SYSTEM. TOPICS ARE (1) INJECTION TIMING CONTROLS, (2) GOVERNOR, (3) FUEL SYSTEM MAINTENANCE TIPS, (4) THE CHARGING SYSTEM, (5) REGULATING THE GENERATOR/ALTERNATOR, AND (6) CHARGING SYSTEM SERVICE PRECAUTIONS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "UNDERSTANDING THE CATERPILLAR FUEL SYSTEM" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 096 VT 005 679

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXV, I--CATERPILLAR DIESEL ENGINE COOLING SYSTEM D-8 AND 824 MODELS, II--TIRES AND TIRE HARDWARE.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-25

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 16 SEP 66

EDRS PRICE MF-$0.25 HC-$1.40 33P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MANINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF THE DIESEL ENGINE COOLING SYSTEM AND TO PROVIDE A DESCRIPTION OF HEAVY TIRES AND WHEELS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) THEORY OF THE COOLING SYSTEM, (2) COOLING SYSTEM COMPONENTS, (3) MAINTENANCE TIPS (COOLING SYSTEM), (4) GENERAL DESCRIPTION (TIRES), (5) LIQUID FILLED TIRES, (6) TIRE MAINTENANCE, AND (7) PROLONGING TIRE LIFE. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "CATERPILLAR DIESEL ENGINE COOLING SYSTEM" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 097 VT 005 680

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVI, I--CATERPILLAR LUBRICATION SYSTEMS AND COMPONENTS, II--LEARNING ABOUT BRAKES (PART I).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-26

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 1 SEP 66

EDRS PRICE MF-$0.25 HC-$1.36 32P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE FUNCTIONS OF DIESEL ENGINE LUBRICATION SYSTEMS AND COMPONENTS AND THE PRINCIPLES OF OPERATION OF BRAKE SYSTEMS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) THE NEED FOR OIL, (2) SERVICE CLASSIFICATION OF OILS, (3) CATERPILLAR LUBRICATION SYSTEM COMPONENTS (4) PRINCIPLES OF OPERATION (BRAKES), (5) BRAKE FRICTION PRINCIPLE, (6)BRAKE CONTROL SYSTEM, AND (7) INSPECTION OF BRAKES. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "CAERPILAR LUBRICATION SYSTEMS AND COMPONENTS" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENACE 2" ARE AVAILABLE AS VT 006 685

- VT 005 709. THE 2-YEARPROGRAM OUTLINE FO "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2"IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND OHIO 44115. (HC)

ED 021 098 VT 005 681

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVII, I--CATERPILLAR STARTING (PONEY) ENGINE (PART I), II--LEARNING ABOUT BRAKES (PART II).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-27

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 23 SEP 66

EDRS PRICE MF-$0.25 HC-$1.84 44P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE CONSTRUCTION AND OPERATION OF DIESEL ENGINE STARTING ENGINES AND BRAKE SYSTEMS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) GENERAL DESCRIPTION, (2) OPERATION, (3) COMBUSTION SPACE AND VALVE ARRANGEMENT (STARTING ENGINES), (4) TYPES OF BRAKES, AND (5) DOUBLE ACTUATED DRUM BRAKES. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "CATERPILLAR DIESEL STARTING ENGINE" AND OTHER MATERIALS. SEE VT 006 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 099 VT 005 682

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVIII, I--CATERPILLAR STARTING (PONEY) ENGINE (PART II), II--UNDERSTANDING MORE ABOUT STARTING DEVICES.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-28

PUB DATE 05 OCT 66

EDRS PRICE MF-$0.25 HC-$1.04 24P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF DIESEL ENGINE STARTING ENGINES. TOPICS ARE (1) STARTING ENGINE MAGNETO (WICO), (2) MAGNETO MAINTENANCE, (3) SPARK PLUGS, (4) GENERAL DESCRIPTION (STARTING DEVICES), (5) OPERATING (STARTING DEVICES), (6) LUBRICATION (STARTING DEVICES), (7) PERIODIC CHECKS AND ADJUSTMENTS, AND (8) CRANKING MOTOR DRIVE CHECKS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "CATERPILLAR DIESEL STARTING ENGINE" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILALBE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 100 VT 005 683

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIX, REVIEWING THE CONSTRUCTION OF ENGINE COMPONENTS.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-29

PUB DATE 13 OCT 66

EDRS PRICE MF-$0.25 HC-$1.24 29P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO PROVIDE A REVIEW OF THE CONSTRUCTION AND OPERATION OF DIESEL ENGINE COMPONENTS. TOPICS ARE STATIONARY PARTS, ENGINE MOVING PARTS, PISTON RINGS, AND CONNECTING RODS AND PISTON PINS. THE MODULE CONSISTS OF AN INSTRUCTOR'S GUIDE, TRANSPARENCIES, A LIST OF SUGGESTED SUPPLEMENTARY MATERIALS, AND TRAINEE TEXT MATERIAL. SEE VT 006 665 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL AND TRANSPARENCIES MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 101 VT 005 684

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXX, I--CATERPILLAR DIESEL ENGINE MAINTENANCE SUMMARY, II--REIEWING FACTS ABOUT ALTERNATORS.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-1-30

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 11 NOV 66

EDRS PRICE MF-$0.25 HC-$1.72 41P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *DIESEL ENGINES, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 30-MODULE COURSE IS DESIGNED TO PROVIDE A SUMMARY OF DIESEL ENGINE MAINTENANCE FACTORS AND A REVIEW OF DIESEL ENGINE ALTERNATOR OPERATION. THE SEVEN SECTIONS COVER DIESEL ENGINE TROUBLESHOOTING AND THE OPERATION, TESTING, AND ADJUSTING OF ALTERNATORS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "SUMMARIZING CATERPILLAR ENGINES" AND OTHER MATERIALS. SEE VT 005 655 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 655 - VT 005 684. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 102 VT 005 685

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT I, UNDERSTANDING MECHANICAL CLUTCHES.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-1

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 07 DEC 68

EDRS PRICE MF-$0.25 HC-$1.92 46P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

ONE OF A 25-MODULE COURSE DESIGNED TO UPGRADE THE JOB SKILLS AND TECHNICAL KNOWLEDGE OF DIESEL MAINENANCE MECHANICS THIS MATERIAL WAS DEVELOPED BY INDUSTRIAL TRAINING AND SUBJECT-MATTER SPECIALISTS AND TESTED IN INDUSTRIAL TRAINING SITUATIONS. THE PURPOSE OF THIS FIRST UNIT IS TO DEVELOP AN UNDERSTANDING OF COMPONENTS, OPERATION, AND ADJUSTMENTS OF THE DIFFERENT TYPES OF MECHANICAL CLUTCHES USED ON DIESEL POWERED VEHICLES. THE MODULE CONSISTS OF AN INSTRUCTOR'S GUIDE, TRANSPARENCIES, AND A LIST OF SUGGESTED SUPPLEMENTARY MATERIALS FOR 2 HOURS OF GROUP INSTRUCTION, TRAINEE TEXT MATERIAL, AND A SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILM "LEARNING ABOUT MECHANICAL CLUTCHES" FOR SELF-PACED INDIVIDUAL INSTRUCTION USING AN ELECTRONIC TUTOR. A REPRODUCTION OF THE TRAINING FILM WITH PROGRAM BRANCHING INFORMATION IS INCLUDED SO THAT IT MAY BE DEVELOPED AS PRINTED MATERIAL FOR USE WITHOUT THE ELECTRONIC TUTOR. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILALBE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115 (HC)

ED 021 103 VT 005 686

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT II, MECHANICAL TRANSMISSIONS.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-2

PUB DATE 07 MAR 67

EDRS PRICE MF-$0.25 HC-$1.68 40P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF MECHANICAL TRANSMISSIONS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) PURPOSE OF TRANSMISSIONS, (2) RATIO DIFFERENCE, (3) CONSTANT MESH TRANSMISSIONS, (4) FOUR-SPEED TRUCK TRANSMISSION POWER FLOW, AND (5) TRANSMISSION TROUBLESHOOTING. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "UNDERSTANDING MECHANICAL TRANSMISSIONS" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 104 **VT 005 687**

AUTOMOTIVE DIESEL MAINTENANCE 2 UNIT IV, AUTOMATIC TRANSMISSIONS--HYDRAULICS (PART II).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-4

PUB DATE 30 MAR 67

EDRS PRICE MF-$0.25 HCP$2.12 51P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *HYDRAULICS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF VALVES UTILIZED IN HYDRAULIC TRANSMISSIONS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) REVIEWING FACTS ABOUT PUMPS, (2) USING VALVES FOR CONTROL, (3) TROUBLESHOOTING PROCEDURES ON RELIEF VALVES, (4) USING DIRECTIONAL CONTROL VALVES, AND (5) FLOW CONTROL VALVES. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "UNDERSTANDING DIRECTIONAL CONTROL VALVES" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 105 **VT 005 688**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT III, AUTOMATIC TRANSMISSIONS--HYDRAULICS (PART I).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-3

PUB DATE 09 MAY 67

EDRS PRICE MF-$0.25 HC-$1.84 44P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *HYDRAULICS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VEHICLES, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, PROGRAMED INSTRUCTION,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO INTRODUCE BASIC HYDRAULIC PRINCIPLES AND PROVIDE AN UNDERSTANDING OF HYDRAULIC TRANSMISSIONS USED IN DIESEL POWERED VEHICLES. TOPICS ARE WHY USE HYDRAULICS, REVIEWING BASIC PHYSICS LAWS IN RELATION TO HYDRAULICS, UNDERSTANDING THE HYDRAULIC SYSTEM, AND DEVELOPING A BASIC HYDRAULIC SYSTEM. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "BASIC HYDRAULICS" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 106 **VT 005 689**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT V, AUTOMATIC TRANSMISSIONS--TORQUE CONVERTER.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-5

PUB DATE 15 MAY 67

EDRS PRICE MF-$0.25 HC-$2.04 49P.

DESCRIPTORS-- *AUTO MECHANICS (CCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, DIESEL MATERIALS, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTON,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF TORQUE CONVERTERS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) FLUID COUPLINGS (LOCATION AND PURPOSE), (2) PRINCIPLES OF OPERATION, (3) TORQUE CONVERRS, (4) TORQMATIC CONVERTER, (5) THREE STAGE, THREE ELEMENT TORQUE CONVERTER, AND (6) TORQUE CONVERTER MAINTENANCE AND TROUBLESHOOTING. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAM TRAINING FILM "LEARNING ABOUT TORQUE CONVERTERS" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE HEADQUARTERS AND DEVELOPMENT CETER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 107 **VT 005 690**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VI, AUTOMATIC TRANSMISSIONS--PLANETARY GEARING.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-6

PUB DATE 12 AUG 67

EDRS PRICE MF-$0.25 HC-$1.48 35P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO ACQUAINT THE TRAINEE WITH THE OPERATION OF PLANETARY GEARS IN AUTOMATIC TRANSMISSIONS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) PURPOSE OF PLANETARY GEARING, (2) POWER TRANSMISSION THROUGH A PLANETARY SYSTEM, (3) HYDRAMATIC TRANSMISSION, (4) HYDRAULIC SYSTEM, AND (5) GEAR FAILURE AND LUBRICATION. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "UNDERSTANDING PLANETARY GEARING IN RELATION TO AUTOMATIC TRANSMISSIONS" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 108 **VT 005 691**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VII, AUTOMATIC TRANSMISSIONS--ALLISON, TORQUMATIC SERIES 5960 AND 6060 (PART I).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-7

PUB DATE 13 APR 67

EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF SPECIFIC MODELS OF AUTOMATIC TRANSMISSIONS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) GENERAL SPECIFICATION DATA, (2) OPTIONS FOR VARIOUS APPLICATIONS, (3) ROAD TEST INSTRUCTIONS, (4) IDENTIFICATION AND SPECIFICATION DATA, (5) ALLISON TC-500 SERIES CONVERTER, (6) CONVERTER HYDRAULIC SYSTEM, AND (7) MAINTAINING THE CONVERTER. THE MODULE CONSISTS OF AN INSTRUCTOR'S GUIDE, TRANSPARENCIES, AND TRAINEE TEXT MATERIAL. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685-VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL AND TRANSPARENCIES MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 109 **VT 005 692**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VIII, AUTOMATIC TRANSMISSIONS--ALLISON TORQUMATIC SERIES 5960, 6060, AND 8860 (PART II).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-8

PUB DATE 10 MAY 67

EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION, *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATION AND MAINTENANCE OF SPECIFIC MODELS OF AUTOMATIC TRANSMISSIONS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) GENERAL DESCRIPTION, (2) OPTIONAL EQUIPMENT, (3) TRANSMISSION POWER FLOW (SPLITTER SECTION), (4) TRANSMISSION POWER FLOW (RANGE SECTION), (5) INSPECTION AND MAINTENANCE, AND (6) TROUBLESHOOTING THE TRANSMISSION. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "LEARNING ABOUT THE ALLISON TORQUMATIC HYDRAULIC SYSTEM (PART I)" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 110 **VT 005 693**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT IX, AUTOMATIC TRANSMISSIONS--HYDRAULIC SYSTEM (PART I).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-9

PUB DATE 02 JUN 67

EDRS PRICE MF-$0.25 HC-$1.56 37P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *HYDRAULICS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OIL FLOW WITHIN HYDRAULIC TRANSMISSIONS USED ON DIESEL POWERED VEHICLES. TOPICS ARE GENERAL DESCRIPTION, HYDRAULIC CIRCUITS, AND BRAKE HYDRAULIC CIRCUIT AND OPERATION. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "LEARNING ABOUT THE ALLISON TORQMATIC HYDRAULIC SYSTEM (PART II)" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 111 **VT 005 694**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT X, AUTOMATIC TRANSMISSIONS--HYDRAULIC SYSTEMS (PART II).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-10

PUB DATE 10 MAY 67

EDRS PRICE MF-$0.25 HC-$1.76 42P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, HYDRAULICS, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO PROVIDE A SUMMARY OF MAINTENANCE PROCEDURES FOR AUTOMATIC TRANSMISSIONS USED ON DIESEL POWERED VEHICLES. TOPICS ARE (1) CHECKING THE HYDRAULIC SYSTEM, (2) SERVICING THE HYDRAULIC SYSTEM, (3) EXAMINING THE RANGE CONTROL VALVE, (4) EXAMINING THE LOCK-UP AND FLOW VALVE, (5) EXAMINING THE MAIN REGULATOR VALVE, (6) EXAMINING THE BRAKE VALVE, AND (7) DUAL PATH TRANSMISSION PRINCIPLE. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "SUMMARIZING MECHANICAL AND AUTOMATIC TRANSMISSIONS" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMATIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 112 **VT 005 695**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XI, INTRODUCTION TO ELECTRICAL MAINTENANCE FOR OFF-HIGHWAY VEHICLES.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-11

PUB DATE 08 AUG 67

EDRS PRICE MF-$0.25 HC-$1.76 42P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *ELECTRICAL SYSTEMS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO FAMILIARIZE THE TRAINEE WITH THE FUNDAMENTALS OF ELECTRICITY AND MAGNETISM AS THEY RELATE TO DIESEL POWERED EQUIPMENT. TOPICS ARE (1) FUNDAMENTALS OF ELECTRICITY AND MAGNETISM, (2) ELECTROMAGNETIC FIELDS, (3) MAGNETIC FORCE ON A CONDUCTOR, (4) ELECTROMAGNETIC INDUCTION, (5) OHM'S LAW, (6) METER MOVEMENTS, AND (7) GLOSSARY OF TERMS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "UNDERSTANDING THE FUNDAMENTALS OF ELECTRICITY AND MAGNETISM" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTEMANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 113 **VT 005 696**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XII, LEARNING ABOUT BATTERY SERVICING AND TESTING (PART I).

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-12

PUB DATE 07 SEP 67

EDRS PRICE MF-$0.25 HC-$1.76 42P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *ELECTICAL SYSTEMS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THID MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE CONSTRUCTION AND MAINTENANCE OF LEAD-ACID STORAGE BATTERIES USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE (1) BATTERY COMPONENTS AND CONSTRUCTION, (2) CHEMICAL ACTION IN BATTERIES, (3) THE BATTERY AND THE CHARGING CIRCUIT, (4) BATTERY CHARGING VOLTAGE, (5) EFFECTS OF STATE OF CHARGE ON BATTERY CHARGING VOLTAGE AND CHARGING RATES, (6) EFFECTS OF TEMPERATURE ON BATTERY CHARGING VOLTAGE AND CHARGING RATES, AND (7) TERMINOLOGY. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "AUTOMOTIVE BATTERIES I--INTRODUCTION TO THE LEAD-ACID STORAGE BATTERY" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 006 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 114 **VT 005 697**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIII, BATTERY SERVICE AND TESTING PROCEDURES--PART II.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-13

PUB DATE 08 SEP 67

EDRS PRICE MF-$0.25 HC-$1.88 45P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *ELECTRICAL SYSTEMS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO FAMILIARIZE THE TRAINEE WITH PROCEDURES FOR SERVICING LEAD-ACID STORAGE BATTERIES USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE (1) ELECTROLYTE AND SPECIFIC GRAVITY, (2) BATTERY CHARGING, (3) STORAGE BATTERY TYPES AND DESIGN, (4) BATTERY CAPACITY RATINGS, (5) BATTERY INSTALLATION, SERVICING, AND TESTING, (6) FACTORS AFFECTING BATTERY LIFE, AND (7) SAFETY PRECAUTIONS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "AUTOMOTIVE BATTERIES II--BATTERY SERVICING AND TESTING PROCEDURES" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 115 **VT 005 698**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIV, UNDERSTANDING DC GENERATOR PRINCIPLES.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-2-14
PUB DATE 06 SEP 67
EDRS PRICE MF-$0.25 HC-$1.92 46P.
DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *ELECTRICAL SYSTEMS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATING PRINCIPLES OF DIRECT CURRENT GENERATORS USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE (1) WHAT IS A GENERATOR AND ITS USE, (2) SHUNT GENERATOR PRINCIPLES, (3) POWER AND RATINGS OF A GENERATOR, (4) ARMATURE REACTION, (5) WHAT IS POLARITY, (6) TWO GENERATOR CIRCUITS, AND (7) APPLICATION OF GENERATORS ON THE JOB. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "DC GENERATORS I–INTRODUCTION TO DC GENERATOR PINCIPLES" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 116 **VT 005 699**
AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XV, UNDERSTANDING DC GENERATOR PRINCIPLES (PART II).
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-2-15
PUB DATE 12 SEP 67
EDRS PRICE MF-$0.25 HC-$2.00 48P.
DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *ELECTRICAL SYSTEMS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF MAINTENANCE PROCEDURES FOR DIRECT CURRENT GENERATORS USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE SPECIAL GENERATOR CIRCUITS, GENERATOR TESTING, AND GENERATOR POLARITY. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "DC GENERATORS II–GENERATOR TESTING PROCEDURES" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 117 **VT 005 700**
AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVI, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART I).
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-2-16
PUB DATE 09 SEP 67
EDRS PRICE MF-$0.25 HC-$1.76 42P.
DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *ELECTRICAL SYSTEMS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATING PRINCIPLES OF ALTERNATING CURRENT GENERATORS USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE REVIEWING ELECTRICAL FUNDAMENTALS, AND OPERATING PRINCIPLES OF ALTERNATORS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "AC GENERATORS I–UNDERSTANDING ALTERNATOR PRINCIPLES" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEAQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 118 **VT 005 701**
AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVII, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART II).
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-2-17
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
PUB DATE 05 OCT 67
EDRS PRICE MF-$0.25 HC-$1.72 41P.
DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *ELECTRICAL SYSTEMS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATING PRINCIPLES AND THE SERVICING AND TESTING PROCEDURES FOR ALTERNATING CURRENT (AC) GENERATORS AND REGULATORS USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE REVIEW OF ALTERNATOR PRINCIPLES, ALTERNATOR SERVICING AND TESTING, ALTERNATOR REGULATOR OPERATING PRINCIPLES, AND PERIODIC REGULATOR SERVICING AND GENERAL TROUBLESHOOTING OF THE CHARGING SYSTEM. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "AC GENERATORS II–REGULATOR AND FIELD RELAY OPERATING PRINCIPLES AND ALTERNATOR TESTING" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 119 **VT 005 702**
AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVIII, ALTERNATOR AND REGULATOR SERVICING AND TESTING, AND AN INTRODUCTION TO TRANSISTOR REGULATORS.
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-2-18
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
PUB DATE 26 SEP 67
EDRS PRICE MF-$0.25 HC-$2.16 52P.
DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *ELECTRICAL SYSTEMS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 25-MODULE COURSE IS DESIGNED AS A REVIEW OF THE OPERATING PRINCIPLES AND SERVICING PROCEDURES FOR GENERATORS AND AS AN INTRODUCTION TO TRANSISTOR CONTROLLED VOLTAGE REGULATION FOR GENERATORS USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE (1) REVIEW OF GENERATOR PRINCIPLES, AC AND DC, (2) SERVICING AND TESTING ALTERNATORS, AND (3) INTRODUCTION TO TRANSISTOR REGULATORS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "INTRODUCTION TO TRANSISTORS AND TRANSISTOR CONTROLLED AND TRANSISTORIZED REGULATORS" AND OTHER MATERIALS. SEE VT 006 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 120 **VT 005 703**
AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIX, LEARNING ABOUT CRANKING MOTORS.
HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO
REPORT NUMBER AM-2-19
PUB DATE 30 OCT 67
EDRS PRICE MF-$0.25 HC-$1.80 43P.
DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, ELECTRICAL SYSTEMS, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,
THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE OPERATING PRINCIPLES OF CRANKING MOTORS USED ON DIESEL POWERED EQUIPMENT, TOPICS ARE (1) CRANKING MOTORS. (2) MOTOR PINCIPLES, (3) CRANKING MOTOR CIRCUITS, (4) TYPES OF CRANKING MOTOR DRIVES, AND (5) CRANKING MOTOR SOLENOID CIRCUITS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "LEARNING ABOUT CRANKING MOTORS" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE

DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 121 **VT 005 704**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XX, TROUBLESHOOTING ELECTRICAL SYSTEMS.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-20

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 20 OCT 67

EDRS PRICE MF-$0.25 HC-$1.84 44P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *ELECTRICAL SYSTEMS, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, EQUIPMENT MAINTENANCE, MOTOR VEHICLES, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO ACQUAINT THE TRAINEE WITH TROUBLESHOOTING PROCEDURES FOR DIESEL ENGINE ELECTRICAL SYSTEMS. TOPICS ARE (1) TROUBLESHOOTING ELECTRICAL SYSTEMS (INTRODUCTION), (2) TOOLS AND INSTRUMENTS FOR TROUBLESHOOTING, (3) THE BATTERY, (4) PERIODIC BATTERY SERVICING, (5) THE DC CHARGING SYSTEM, (6) PERIODIC REGULATOR SERVICING, (7) THE WIRING CIRCUIT, (8) GENERAL TROUBLESHOOTING OF THE CHARGING SYSTEM, (9) THE AC CHARGING SYSTEM, (10) THE CRANKING SYSTEM (ELECTRICAL), AND (11) GENERAL TROUBLESHOOTING OF THE CRANKING SYSTEM. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "TROUBLESHOOTING ELECTRICAL SYSTEMS (INTRODUCTION TO BASIC AND GENERAL PROCEDURES)" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 006 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 122 **VT 005 705**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXI, MICHIGAN/CLARK TRANSMISSION--COMPLETE POWER TRAIN.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-21

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 22 SEP 67

EDRS PRICE MF-$0.25 HC-$1.32 31P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MOSULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF A SPECIFIC POWER TRAIN SYSTEM USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE EXAMINING THE POWER FLOW, UNIT OIL FLOW, AND OIL PRESSURE IN THE CONVERTER AND TRANSMISSION SYSTEM. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAM TRAINING FILM "UNDERSTANDING THE MICHIGAN/CLARK POWER TRAIN" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 123 **VT 005 706**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXII, MICHIGAN/CLARK TRANSMISSION--CONVERTER/TRANSMISSION.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-22

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 22 SEP 67

EDRS PRICE MF-$0.25 HC-$2.24 54P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP A DETAILED UNDERSTANDING OF A SPECIFIC POWER CONVERTER AND TRANSMISSION USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE A CLOSER LOOK AT THE CONVERTER, CONVERTER ASSEMBLY AND INSTALLATION, TRANSMISSION FUNCTION, AND TRANSMISSION SHIFTING. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "MICHIGAN/CLARK TRANSMISSION--TRANSMISSION AND CONVERTER FUNCTION" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 124 **VT 005 707**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIII, MICHIGAN/CLARK TRANSMISSION--HYDRAULIC SHIFT.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-23

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 25 SEP 67

EDRS PRICE MF-$0.25 HC-$1.88 45P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE SHIFTING AND CONTROL FUNCTIONS OF A SPECIFIC TRANSMISSION USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE MECHANICAL AND HYDRAULIC SHIFTING, AND OIL FLOW THROUGH THE CONTROL VALVE. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "MICHIGAN/CLARK TRANSMISSION--MECHANICAL AND HYDRAULIC SHIFT AND OIL FLOW THROUGH THE VALVES AND CONTROL COVER ASSEMBLY" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 125 **VT 005 708**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIV, MICHIGAN/CLARK TRANSMISSION--OIL FLOW THROUGH THE CONTROL COVER ASSEMBLY.

REPORT NUMBER AM-2-24

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 21 SEP 67

EDRS PRICE MF-$0.25 HC-$0.56 12P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF THE SERVICING PROCEDURES FOR THE CONTROL SYSTEM OF A SPECIFIC TRANSMISSION USED ON DIESEL POWERED EQUIPMENT. TOPICS ARE EXAMINING THE CONTROL COVER ASSEMBLY, REGULATING VALVE AND SAFETY VALVE, AND INSPECTING THE SYSTEM. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "MICHIGAN/CLARK TRANSMISSION--MECHANICAL AND HYDRAULIC SHIFT AND OIL FLOW THROUGH THE VALVES AND CONTROL COVER ASSEMBLY" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 685 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. T 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, TRANSPARENCIES, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR $1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 126 **VT 005 709**

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXV, MICHIGAN/CLARK TRANSMISSION--TROUBLESHOOTING.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

REPORT NUMBER AM-2-25

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL

PUB DATE 19 OCT 67

EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS-- *AUTO MECHANICS (OCCUPATION), *EQUIPMENT MAINTENANCE, *STUDY GUIDES, *TEACHING GUIDES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, DIESEL ENGINES, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, KINETICS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

THIS MODULE OF A 25-MODULE COURSE IS DESIGNED TO DEVELOP AN UNDERSTANDING OF TROUBLESHOOTING PROCEDURES FOR A SPECIFIC TRANSMISSION USED ON DIESEL

POWERED EQUIPMENT. TOPICS ARE (1) PRELIMINARY CHECKS, (2) PRESSURE AND OIL FLOW CHECKS, (3) TROUBLESHOOTING TABLES, (4) TROUBLESHOOTING VEHICLES UNDER FIELD CONDITIONS, AND (5) ANALYZING UNACCEPTABLE INSPECTION RESULTS. THE MODULE CONSISTS OF A SELF-INSTRUCTIONAL PROGRAMED TRAINING FILM "MICIGAN/CLARK TRANSMISSION--TROUBLESHOOTING" AND OTHER MATERIALS. SEE VT 005 685 FOR FURTHER INFORMATION. MODULES IN THIS SERIES ARE AVAILABLE AS VT 005 695 - VT 005 709. MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684. THE 2-YEAR PROGRAM OUTLINE FOR "AUTOMOTIVE DIESEL MAINTENANCE 1 AND 2" IS AVAILABLE AS VT 006 006. THE TEXT MATERIAL, PROGRAMED TRAINING FILM, AND THE ELECTRONIC TUTOR MAY BE RENTED (FOR$1.75 PER WEEK) OR PURCHASED FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 127 VT 005 723

TAYLOR, RONALD G. HECKER, DONALD L.

INTEREST AND INTELLECTUAL INDICES RELATED TO SUCCESSFUL AND NON-SUCCESSFUL MALE COLLEGE STUDENTS IN TECHNICAL AND ASSOCIATE DEGREE PROGRAMS. FINAL REPORT.

FERRIS STATE COLL., BIG RAPIDS, MICH.
REPORT NUMBER BR-5-0116
PUB DATE 31 DEC 67
CONTRACT OEC-5-85-026
EDRS PRICE MF-$0.75 HC-$6.60 163P.

DESCRIPTORS— *POST SECONDARY EDUCATION, *PROGRAM ATTITUDES, *STUDENT CHARACTERISTICS, *STUDENT INTERESTS, *SUCCESS FACTORS, BUSINESS EDUCATION, GENERAL EDUCATION, JUNIOR COLLEGES, ROLE CONFLICT, STUDENT ABILITY, STUDENT ADJUSTMENT, STUDENT ATTITUDES, STUDENT BEHAVIOR, STUDENT COLLEGE RELATIONSHIP, STUDENT MOTIVATION, TECHNICAL EDUCATION, TRADE AND INDUSTRIAL EDUCATION, VOCATIONAL EDUCATION, WITHDRAWAL,

THE PURPOSE OF THE PROJECT WAS TO STUDY THE DIFFERENCES AND SIMILARITIES IN INTEREST, ABILITY, AND PREVIOUS ACHIEVEMENT PATTERNS OF 941 MEN STUDENTS WHO ENROLLED IN VARIOUS TECHNICAL AND ASSOCIATE DEGREE 2-YEAR PROGRAMS AND TO DETERMINE WHICH VARIABLES COULD DIFFERENTIATE BETWEEN STUDENTS WHO COMPLETED, CHANGED TO AN ALTERNATE PROGRAM, OR WITHDREW FROM COLLEGE. TERMINAL BUSINESS STUDENTS TYPICALLY EXPRESSED A POSITIVE INTEREST IN OCCUPATIONS WITH A MANAGEMENT FUNCTION, A HIGH ASPIRATION LEVEL, AND TENDED TO REJECT SCIENCE AND TECHNICAL OCCUPATIONS, (2) ENTERING GENERAL EDUCATION-SCIENCE STUDENTS HAD HIGH ABILITY, STRONG ACHIEVEMENT BACKGROUND, POSITIVE INTEREST IN SCIENCE RELATED OCCUPATIONS AND REJECTED BUSINESS MANAGEMENT FUNCTIONS, (3) GENERAL EDUCATION NON-SCIENCE STUDENTS WERE CHARACTERIZED BY THEIR LOW MASCULINE-FEMININITY SCORE AND A POSITIVE INTEREST IN SOCIAL SERVICE AND VERBAL RELATED OCCUPATIONS, (4) COLLEGIATE TECHNICAL STUDENTS EXPRESSED INTEREST IN SCIENCE OCCUPATIONS AND REJECTED SOCIAL SERVICE OCCUPATIONS, (5) TRADE AND INDUSTRIAL STUDENTS HAD LOW ABILITY SCORES AND POOR HIGH SCHOOL ACHIEVEMENT, TENDED TO REJECT OCCUPATIONS REFLECTING SOCIAL SERVICE, VERBAL OR COMPUTATIONAL ASPECTS, AND HAD INTERESTS DIRECTED TOWARD PHYSICAL, OUTDOOR OCCUPATIONS. IN GENERAL ALL THE VARIABLES STUDIED WERE ABLE TO DIFFERENTIATE AT A FAIRLY HIGH LEVEL BETWEEN STUDENTS WHO ENROLLED IN VARIOUS PROGRAMS. ABILITY FACTORS BEST DETERMINED SUCCESS IN PROGRAMS, AND INTEREST RELATED FACTORS BEST DETERMINED CHOICE OF PROGRAM AND CHANGE FROM THAT PROGRAM. (MM)

ED 021 128 08 VT 005 762

KNOLL, PETER F. JR. STEPHENS, JOHN F.

INSERVICE TRAINING FOR VOCATIONAL TEACHERS IN UTAH. FINAL REPORT.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.
REPORT NUMBER BR-6-3046
PUB DATE MAR 68
GRANT OEG-4-7-063046-1612
EDRS PRICE MF-$0.25 HC-$1.56 37P.

DESCRIPTORS— *INSERVICE TEACHER EDUCATION, *TEACHER IMPROVEMENT, *VOCATIONAL EDUCATION, *VOCATIONAL EDUCATION TEACHERS, PROGRAM EFFECTIVENESS, QUESTIONNAIRES, STATE SURVEYS, UTAH,

THE SPECIFIC OBJECTIVES OF THIS INVESTIGATION WERE TO DETERMINE THE EXTENT OF UTAH'S INSERVICE TRAINING PROGRAM, COMPARE IT WITH THAT OF OTHER STATES, DETERMINE ITS EFFECTIVENESS, AND ASCERTAIN PROBLEM AREAS AND MAKE RECOMMENDATIONS FOR IMPROVEMENT. DATA WERE COLLECTED BY A SURVEY OF OTHER STATE PROGRAMS, PERSONAL INTERVIEWS WITH STATE VOCATIONAL SPECIALISTS, AND A SURVEY OF STATE VOCATIONAL TEACHERS. THE CONCLUSIONS WERE--(1) A SYSTEMATIC METHOD OF SCHEDULING IS NEEDED TO COORDINATE THE ENTIRE INSERVICE TRAINING PROGRAM, (2) THE PRESENT PROGRAM SHOULD PLACE MORE EMPHASIS ON DOING RATHER THAN TELLING, (3) FINANCIAL ASSISTANCE SHOULD BE OFFERED TO TEACHERS TO ENCOURAGE PARTICIPATION, (4) WORK EXPERIENCE SHOULD BE ENCOURAGED, AND (5) MODERN TECHNIQUES SUCH AS MICRO-TEACHING SHOULD BE INCORPORATED INTO THE INSERVICE TRAINING PROGRAM. THE APPENDIXES CONTAIN INFORMATION ON UTILIZING A KEY-SORT CARD IN SCHEDULING INSERVICE COURSES AND UTILIZING MICRO-TEACHING IN INSERVICE EDUCATION, RESULTS OF A TRADES AND INDUSTRIES STUDY IN COLORADO CONCERNING INSERVICE EDUCATION, AND THE QUESTIONNAIRE AND TABULATION OF QUESTIONNAIRE RESULTS. (DM)

ED 021 129 VT 005 763

POMMERVILLE, ROBERT W. STEPHENS, JOHN F.

QUANTITATIVE STUDY--AIRCRAFT INDUSTRY EMPLOYMENT NEEDS IN UTAH, COLORADO AND NEVADA. FINAL REPORT.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.
REPORT NUMBER BR-6-3046
PUB DATE APR 68
GRANT OEG-4-7-063046-1612
EDRS PRICE MF-$0.25 HC-$0.92 21P.

DESCRIPTORS— *AEROSPACE INDUSTRY, *EMPLOYMENT PROJECTIONS, *MANPOWER NEEDS, *OCCUPATIONAL SURVEYS, AIRPLANE PILOTS, AVIATION MECHANICS, COLORADO, JOB MARKET, NEVADA, UTAH,

TO PROVIDE THE UTAH STATE BOARD OF EDUCATION WITH A BASIS FOR FUTURE DECISIONS REGARDING THE ESTABLISHMENT OF TRAINING PROGRAMS FOR AIRCRAFT PILOTS, AIRFRAME AND POWER PLANT MECHANICS, AND ELECTRONIC, RADIO, AND RADAR TECHNICIANS, A THREE-STATE EMPLOYMENT PROJECTION WAS MADE FOR THESE OCCUPATIONS. QUESTIONNAIRES WERE MAILED TO ADMINISTRATORS IN CHARGE OF PERSONNEL OF ALL 104 COMMERCIALLY OPERATED AILINE COMPANIES IN THE THREE-STATE AREA, AND 39 (37.5 PERCENT) WERE RETURNED, SOME NOT FULLY COMPLETED. THE SURVEY RESPONSES WERE CORROBORATED WITH THE FINDINGS OF OTHER STUDIES MADE IN THE FIELD. BECAUSE THE AIRLINE INDUSTRY IS A NATIONAL INDUSTRY, AN ASSESSMENT OF ITS NEEDS IN THE LIMITED GEOGRAPHICAL AREA WAS DEEMED DIFFICULT, ESPECIALLY FOR THE MAJOR AIRLINES. IT WAS FOUND THAT THE NEED FOR PILOTS, BOTH NATIONALLY AND IN THE AREA, WAS BEING ADEQUATELY MET. FOR MECHANICS AND TECHNICIANS, A NATIONAL NEED WAS ASCERTAINED, BUT NOT AN AREA NEED. EVEN FOR THE SMALLER INTRASTATE AIRLINES, THE CURRENT SOURCES OF MANPOWER SUPPLY WERE DEEMED NEARLY ADEQUATE. IT WAS RECOMMENDED THAT NO ADDITIONAL TRAINING PROGRAMS BE INSTITUTED IN THE STATE FOR ANY OF THE OCCUPATIONAL AREAS DISCUSSED. (ET)

ED 021 130 VT 005 776

GOUGH, LOWELL A. ROWE, HAROLD R.

A STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT.

KENTUCKY RESEARCH COORDINATING UNIT, LEXINGTON
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT
SOMERSET EMPLOYMENT SERVICE, KY.
PUB DATE JAN 68
EDRS PRICE MF-$0.25 HC-$1.08 25P.

DESCRIPTORS— *ADULT FARMER EDUCATION, *AGRICULTURAL LBAORERS, *ECONOMICALLY DISADVANTAGED, *PROGRAM EVALUATION, AGRICULTURAL EDUCATION, AGRICULTURAL LABORERS, AGRICULTURAL PRODUCTION, BEHAVIOR CHANGE, ECONOMIC DEVELOPMENT, INCOME, JOB SKILLS, KENTUCKY, MDTA PROGRAMS,

THREE MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA) AGRICULTURAL EDUCATION COURSES WERE EVALUATED TO DETERMINE WHETHER THEY ARE A GOOD INVESTMENT FOR TRAINING FARM WORKERS TO PROFITABLY PROVIDE PRODUCTS FOR A DIVERSIFIED FARM MARKET. A SURVEY OF 233 ENROLLEES DURING TRAINING, AND EMPLOYMENT SERVICE FOLLOWUP RECORDS PROVIDED INFORMATION FOR PRE- AND POST-TRAINING COMPARISON. APPROXIMATELY 97 PERCENT OF FORMER GENERAL PROGRAM TRAINEES, 90 PERCENT OF THE FARM HAND PROGRAM TRAINEES, BUT ONLY 5 PERCENT OF THE GARDENER PROGRAM TRAINEES WERE EMPLOYED IN THE TYPE OF JOB FOR WHICH THEY WERE TRAINED. THE ANNUAL GROSS INCOME OF THE TRAINEES BEFORE ENTERING THE PROGRAM AVERAGED $700 AND THE WEIGHTED AVERAGE OF ALL INCOMES REPORTED BY EMPLOYED TRAINEES AFTER 3 MONTHS, 6 MONTHS, AND 1 YEAR WAS APPROXIMATELY $2,500 PER YEAR. AN INDEPTH ANALYSIS OF INTERVIEWS WITH 19 FARMER GENERAL TRAINEES INDICATED THAT THE COST OF MDTA FARMER GENERAL PROGRAM IS REALIZABLE WITHIN 3 YEARS OF THE TRAINING. CONCLUSIONS WERE THAT (1) MDTA FARMER GENERAL AND FARM HAND GENERAL COURSES ARE A GOOD EDUCATIONAL INVESTMENT, (2) MDTA FARMER GENERAL AND FARM HAND GENERAL COURSES WILL PROVIDE A DIRECT SOLUTION TO THE RURAL POVERTY AND AN INDIRECT SOLUTION TO THE URBAN POVERTY PROBLEMS, AND (3) MDTA FARMER GENERAL AND FARM HAND GENERAL COURSES WILL MAKE ADDITIONS TO THE ECONOMY OF KENTUCKY AND SUPPLY THE DEMANDS OF A DIVERSIFIED FARM MARKET. (DM)

ED 021 131 VT 005 777

BJORKQUIST, DAVID C., ED.

THE EDUCATION AND EMPLOYMENT OF TECHNICIANS. INTERIM REPORT.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK
REPORT NUMBER BR-5-0085
PUB DATE MAR 68
CONTRACT OEC-4-10-108
EDRS PRICE MF-$0.50 HC-$3.44 84P.

DESCRIPTORS— *CONFERENCE REPORTS, *MANPOWER DEVELOPMENT, *MECHANICAL DESIGN TECHNICIANS, *TECHNICAL EDUCATION, EDUCATIONAL PROGRAMS, INFORMATION DISSEMINATION, MANPOWER UTILIZATION, MDTA PROGRAMS, RESEARCH PROJECTS,

THE TECHNICAL MANPOWER CONFERENCE, HELD AT THE PENNSYLVANIA STATE UNIVERSITY CAMPUS ON JANUARY 24 AND 25, 1968, WAS THE FIRST PHASE IN THE DISSEMINATION OF THE RESEARCH PROJECT, "EFFECTS OF FIELD AND JOB ORIENTED TECHNICAL RETRAINING

ON MANPOWER UTILIZATION OF THE UNEMPLOYED." THE PRESENTATIONS IN PART I, INTENDED TO PROVIDE BACKGROUND AND GENERAL CONSIDERATIONS CONCERNING THE EDUCATION AND INDUSTRIAL UTILIZATION OF TECHNICIANS, ARE–(1) "THE EDUCATION AND UTILIZATION OF TECHNICIANS" BY F.A. GREGORY, (2) "DEVELOPING TECHNICAL MANPOWER, THE ROLE OF INDUSTRY" BY F.R. THORNTON, (3) "DEVELOPING TECHNICAL MANPOWER, THE ROLE OF EDUCATION" BY R.M. KNOEBEL, AND (4) "TECHNICAL MANPOWER AND INDUSTRIAL DEVELOPMENT" BY T.R. ROBB. THE PRESENTATIONS IN PART II, CONCERNED WITH AN EFFORT TO ANSWER SPECIFIC QUESTIONS ABOUT THE EDUCATION AND EMPLOYMENT OF MECHANICAL TECHNICIANS, ARE–(1) "FIELD-ORIENTED TECHNICIAN EDUCATION" BY W.A. DUNN, (2) "JOB-ORIENTED TECHNICAL EDUCATION" BY G.W. ELISON, (3) "MANPOWER RESEARCH, IMPLICATIONS FOR THE EDUCATION OF TECHNICIANS" BY C.R. FINCH, AND (4) "THE DESIGN GRADUATE AND HIS JOB" BY S.R. WIERSTEINER. (HC)

ED 021 132 08 VT 005 833

RYAN, T.A.

EFFECT OF AN INTEGRATED INSTRUCTIONAL COUNSELING PROGRAM TO IMPROVE VOCATIONAL DECISION-MAKING OF COMMUNITY COLLEGE YOUTH. FINAL REPORT.

OREGON STATE UNIV., CORVALLIS
REPORT NUMBER BR-5-0154
PUB DATE FEB 68
CONTRACT OEC-6-85-065
EDRS PRICE MF-$0.75 HC-$6.68 165P.

DESCRIPTORS— *COMMUNITY COLLEGES, *COUNSELING INSTRUCTIONAL PROGRAMS, *OCCUPATIONAL CHOICE, *OCCUPATIONAL GUIDANCE, *PROGRAM EVALUATION, BEHAVIORAL COUNSELING, CONTROL GROUPS, COUNSELING EFFECTIVENESS, EXPERIMENTAL GROUPS, EXPERIMENTAL PROGRAMS, GROUP COUNSELING, GUIDANCE COUNSELING, INSTRUCTIONAL PROGRAMS, OCCUPATIONAL INFORMATION, REINFORCEMENT, SIMULATION, VOCATIONAL COUNSELING,

A PLANNED VOCATIONAL GUIDANCE PROGRAM INCORPORATING INSTRUCTIONAL AND COUNSELING COMPONENTS IN A COMMUNITY COLLEGE SETTING WAS EVALUATED. THE PRIMARYPURPOSE OF THE PROGRAM WAS TO IMPROVE OCCUPATIONAL CHOICE-MAKING OF POST-HIGH SCHOOL YOUTH. THREE HUNDRED COMMUNITY COLLEGE STUDENTS WHOSE VERBAL AND QUANTITATIVE SCORES ON COLLEGE ENTRANCE EXAMINATIONS FELL BELOW THE 50TH PERCENTILE AND WHO HAD NOT MADE FIRM VOCATIONAL CHOICES WERE INCLUDED IN THE STUDY. A POST-TEST CONTROL GROUP DESIGN WAS IMPLEMENTED WHICH INCLUDED ACTIVE AND INACTIVE CONTROL GROUPS WITH SUBJECTS ASSIGNED RANDOMLY TO FIVE DIFFERENT TREATMENT CONDITIONS. RESULTS SUPPORTED THE MAJOR HYPOTHESES–(1) REINFORCEMENT COUNSELING TECHNIQUES ARE EFFECTIVE FOR IMPROVING STUDENTS' VOCATIONAL DECISION-MAKING, (2) REINFORCEMENT COUNSELING TECHNIQUES ARE EFFECTIVE FOR HELPING STUDENTS ACQUIRE KNOWLEDGE OF SOURCES OF PERSONAL DATA AND OCCUPATIONAL INFORMATION, (3) SIMULATION MATERIALS ARE EFFECTIVE IN IMPROVING STUDENTS' VOCATIONAL DECISION-MAKING, AND (4) SIMULATION MATERIALS ARE EFFECTIVE FOR HELPING STUDENTS ACQUIRE KNOWLEDGE OF SOURCES OF OCCUPATIONAL INFORMATION. THE EXPERIMENTAL PRORAM WHICH INCORPORATED TESTING, COUNSELING, AND OCCUPATIONAL INFORMATION SERVICES IN A COORDINATED PACKAGE WAS FOUND TO BE EFFECTIVE FOR IMPROVING OCCUPATIONAL CHOICE-MAKING OF COMMUNITY COLLEGE YOUTH. AN EXTENSIVE APPENDIX INCLUDES DATA, A TYPESCRIPT OF A COUNSELING SESSION, INFORMATION-GATHERING INSTRUMENTS, AND OCCUPATIONAL INFORMATION. (ET)

ED 021 133 VT 005 851

HOME ECONOMICS IN COLLEGES AND UNIVERSITIES.

NATIONAL EDUCATION ASSN., WASHINGTON, D.C.
PUB DATE 68
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. 54P.

DESCRIPTORS— *COLLEGES, *DIRECTORIES, *EDUCATIONAL GUIDANCE, *HOME ECONOMICS, *OCCUPATIONAL GUIDANCE, GUIDANCE COUNSELING, OCCUPATIONAL INFORMATION, PROFESSIONAL EDUCATION,

A GUIDANCE TOOL FOR COUNSELING STUDENTS ABOUT THE OPPORTUNITIES FOR COLLEGE PREPARATIN AND THE CAREER POSSIBILITIES IN HOME ECONOMICS PRESENTS INFORMATION ABOUT THE MAJOR SUBJECT MATTER AREAS WHICH QUALIFY INDIVIDUALS TO HOLD PROFESSIONAL POSITIONS IN AREAS OF HOME ECONOMICS–CHILD DEVELOPMENT AND FAMILY LIFE, CLOTHING AND TEXTILES, EDUCATION, FOODS AND NUTRITION, GENERAL HOME ECONOMICS, HOUSING AND EQUIPMENT, INSTITUTION ADMINISTRATION, AND JOURNALISM. FOR EACH SUBJECT MATTER AREA, DESCRIPTIONS BY A HOME ECONOMIST PRESENTLY EMPLOYED IN THAT FIELD, AN OVERVIEW OF JOB POSSIBILITIES, AND GUIDELINES FOR SELECTING A COLLEGE ARE GIVEN. MOST POSITIONS IN HOME ECONOMICS ARE CLASSIFIED UNDER ONE OR ANOTHER OF THESE AREAS. APPROXIMATELY 400 COLLEGES WHICH OFFER DEGREES IN HOME ECONOMICS ARE LISTED WITH THE MAJORS THEY OFFER INDICATED. THE COLLEGES ARE LISTED BY STATE, AND THE TOWN IN WHICH EACH IS LOCATED IS GIVEN. THIS DOCUMENT IS AVAILABLE FOR $1.50 FROM DEPARTMENT OF HOME ECONOMICS, NATIONAL EDUCATION ASSOCIATION, 1201 SIXTEENTH STREET, N.W., WASHINGTON, D.C. 20036. (FP)

ED 021 134 VT 005 860

A PRE-TECHNICAL PROGRAM FOR GEORGIA'S AREA VOCATIONAL-TECHNICAL SCHOOLS, A REPORT ON A PILOT PROGRAM.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA
PUB DATE JUN 68
EDRS PRICE MF-$0.50 HC-$3.76 92P.

DESCRIPTORS— *AREA VOCATIONAL SCHOOLS, *PILOT PROJECTS, *POST SECONDARY SCHOOLS, *PRETECHNOLOGY PROGRAMS, *REMEDIAL PROGRAMS, COURSE CONTENT, CURRICULUM GUIDES, GEORGIA, GRADE EQUIVALENT SCALES, MATHEMATICS, POST TESTING, PRETESTING, PROGRAM ADMINISTRATION, PROGRAM EFFECTIVENESS, PROGRAM EVALUATION, READING, REMEDIAL INSTRUCTION, SCIENCES, TECHNICAL EDUCATION, VOCATIONAL EDUCATION,

POST-HIGH SCHOOL VOCATIONAL-TECHNICAL STUDENTS WAS DEVELOPED, IMPLEMENTED, AND EVALUATED IN FIVE SCHOOLS IN TERMS OF ITS ABILITY TO PROVIDE DIRECTION IN ESTABLISHING PRE-TECHNICAL PROGRAMS. READING SKILLS, STUDY SKILLS, MATHEMATICS, AND SCIENCE WERE OFFERED AS LEVEL A FOR ENTERING TRADE STUDENTS AND LEVEL B FOR ENTERING TECHNICAL STUDENTS. TEACHERS MET ONE WEEK PRIOR TO THE BEGINNING OF THE PROGRAM TO BECOME ORIENTED AND TO DEVELOP A PROPOSED CURRICULUM GUIDE WITH ASSISTANCE FROM SUBJECT-MATTER SPECIALISTS AND CONSULTANTS. ALL INSTRUCTION WAS STUDENT ORIENTED. A T TEST OF PRE- AND POST-TEST MEAN SCORES ON FIVE ACHIEVEMENT TESTS WAS USED TO DETERMINE STUDENT LEARNING. ALTHOUGH NO CONTROL GROUP WAS AVAILABLE FOR THE TESTING, SIGNIFICANT GAINS AS REFLECTED BY THE TEST SCORES, WERE OBTAINED IN THE SUBJECT AREAS. DATA DID NOT SUPPORT INCLUDING SCIENCE IN THE PRE-TECHNICAL PROGRAM EXCEPT ON AN OPTIONAL BASIS. IT WAS RECOMMENDED THAT THE PRE-TECHNICAL PROGRAM BE IMPLEMENTED IN ALL POST-SECONDARY AREA VOCATIONAL-TECHNICAL SCHOOLS IN GEORGIA. INCLUDED ARE (1) GUIDELINES FOR REPLICATING THE PROGRA M (2) THE CURRICULUM OUTLINE, WHICH INDICATES MAJOR CONTENT UNITS, GOALS, SPECIFIC SKILLS TO BE DEVELOPED, AND SUGGESTED INSTRUCTIONAL MATERIALS, EQUIPMENT, AND PROCEDURES, (3) A STUDENT DATA SHEET, (4) A TEACHER RATING SHEET, AND (5) THE GRADING STANDARD. (DM)

ED 021 135 08 VT 005 861

LOVELESS, AUSTIN G. EGAN, RONALD

THE DISTRIBUTIVE EDUCATION CURRICULUM AS EVALUATED BY BUSINESSMEN AND DISTRIBUTIVE EDUCATION STUDENTS OF UTAH. FINAL REPORT.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.
REPORT NUMBER BR-6-3046
PUB DATE 68
GRANT OEG-4-7-063046-1612
EDRS PRICE MF-$0.25 HC-$1.44 34P.

DESCRIPTORS— *CURRICULUM EVALUATION, *DISTRIBUTIVE EDUCATION, *EMPLOYER ATTITUDES, *STUDENT OPINION, CURRICULUM, INTERVIEWS, JOB SKILLS, QUESTIONNAIRES, UTAH,

AN EVALUATION OF THE COURSE OFFERINGS OR CONTENT OF THE COOPERATIVE DISTRIBUTIVE EDUCATION PROGRAM WAS OBTAINED BY QUESTIONNAIRE FROM 228 UTAH BUSINESSMEN WHO WERE EMPLOYING DISTRIBUTIVE EDUCATION STUDENTS AND FROM 503 DISTRIBUTIVE EDUCATION STUDENTS ENROLLED AT THE TIME OF THE STUDY. BOTH QUESTIONNAIRES WERE ADMINISTERED BY THE LOCAL TEACHER-COORDINATOR. COURSE CONTENT EVALUATED INCLUDED–(1) ORIENTATION AND JOB PLACEMENT, (2) MERCHANDISE MATHEMATICS, (3) RETAIL SALESMANSHIP, (4) OPERATION AND STRUCTURE OF DISTRIBUTION, (5) MERCHANDISE INFORMATION, (6) DISPLAY, (7) ADVERTISING, AND (8) PERSONALITY IMPROVEMENT. THE UNIT ON PERSONALITY IMPROVEMENT WAS RANKED HIGHEST IN IMPORTANCE BY BOTH BUSINESS AND STUDENT RESPONDENTS. OTHER UNITS RANKED HIGH BY BUSINESSMEN WERE MERCHANDISE MATHEMATICS, RETAIL SALESMANSHIP, MERCHANDISE INFORMATION, AND ORIENTATION AND JOB PLACEMENT. JOB PLACEMENT WAS RANKED HIGH BY THE STUDENTS, BUT THEY RANKED MERCHANDISE MATHEMATICS SOMEWHAT LOWER THAN DID THE BUSINESSMEN. OPERATIONAL STRUCTURE OF DISTRIBUTION WAS RANKED LOWEST BY BOTH BUSINESSMEN AND STUDENTS. (MM)

ED 021 136 08 VT 005 862

LOVELESS, AUSTIN G. HOLMES, CARL

OPINION OF EDUCATORS ON BLOCK-TIME VOCATIONAL BUSINESS AND OFFICE PRACTICE CLASSES. FINAL REPORT.

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.
REPORT NUMBER BR-6-3046
PUB DATE 68
GRANT OEG-4-7-063046-1612
EDRS PRICE MF-$0.25 HC-$0.88 20P.

DESCRIPTORS— *BUSINESS EDUCATION, *PROGRAM ATTITUDES, *STATE SURVEYS, *TEACHER ATTITUDES, *TIME BLOCKS, HIGH SCHOOLS, OFFICE PRACTICE, QUESTIONNAIRES, UTAH,

OPINIONNAIRES WERE DISTRIBUTED TO 478 BUSINESS AND OFFICE PRACTICE TEACHERS, COUNSELORS, PRINCIPALS, VOCATIONAL DIRECTORS, AND SUPERINTENDENTS CONCERNED WITH BUSINESS AND OFFICE PRACTICE PROGRAMS IN UTAH HIGH SCHOOLS TO ASCERTAIN THEIR OPINIONS CONCERNING THE ADVANTAGES AND DISADVANTAGES OF TWO-PERIOD BLOCK CLASSES COMPARED TO TWO ONE-PERIOD CLASSES NOT TAUGHT CONSECUTIVELY IN COVERING EQUIVALENT COURSE MATERIAL. A TOTAL OF 295, OR 58 PERCENT, USABLE OPINIONNAIRES WERE RETURNED AND TABULATED. A MAJORITY OF RESPONDENTS AGREED THAT BY USING THE TWO-PERIOD BLOCK (1) MORE MATERIAL CAN BE TAUGHT, (2) RELATED SUBJECT CORRELA-

TION IS BETTER, (3) MORE FLEXIBILITY IS PERMITTED, (4) STUDENT ACHIEVEMENT IS HIGHER, (5) INDIVIDUALIZED INSTRUCTION IS BETTER, (6) VOCATIONAL COUNSELING IS IMPROVED, AND (7) MORE USABLE WORKING TIME IS PROVIDED. IT WAS CONCLUDED THAT THE TWO-PERIOD BLOCK EVEN THOUGH IT PRESENTS SOME SCHEDULING PROBLEMS, IS SUPERIOR TO THE ONE-PERIOD BLOCK AS A METHOD OF TEACHING VOCATIONAL BUSINESS CLASSES. (PS)

ED 021 137 **VT 005 869**

REED, JACK C. *WRIGHT, LUCILLE E.*

IN-SERVICE EDUCATION OF OFFICE OCCUPATIONS TEACHER-COORDINATORS. FINAL REPORT.

UNIVERSITY OF NORTHERN IOWA, CEDAR FALLS

REPORT NUMBER BR-7-0542

PUB DATE APR 68

GRANT OEG-3-7-070542-2968

EDRS PRICE MF-$1.00 HC-$9.36 232P.

DESCRIPTORS— *INSERVICE TEACHER EDUCATION, *INSTRUCTOR COORDINATORS, *OFFICE OCCUPATIONS EDUCATION, *SUMMER INSTITUTES, BIBLIOGRAPHIES, FIELD INSTRUCTION, INFORMATION DISSEMINATION, INSTRUCTIONAL MATERIALS, NATIONAL PROGRAMS, PARTICIPANT INVOLVEMENT, PROGRAM EVALUATION, SPEECHES,

TWENTY-SIX OFFICE OCCUPATIONS TEACHERS FROM 24 STATES, THE DISTRICT OF COLUMBIA, AND PUERTO RICO ATTENDED THE FIRST NATIONAL INSTITUTE FOR INSERVICE EDUCATION OF OFFICE OCCUPATIONS TEACHER-COORDINATORS AT THE UNIVERSITY OF NORTHERN IOWA TO PARTICIPATE IN 4 WEEKS OF CLASSROOM INSTRUCTION AND PRACTICAL FIELD OBSERVATIONS RELATED TO THE OFFICE OCCUPATIONS EDUCATIONAL CYCLE. THE CYCLE, AS DEVELOPED BY DR. BRUCE I. BLACKSTONE, STARTS FROM AN ANALYSIS OF THE OCCUPATION AND A DESCRIPTION OF BEHAVIORAL TERMS TRANSLATED INTO EDUCATIONAL PROCEDURES WHICH, PLACED INTO OPERATION IN AND OUT OF SCHOOL, PROVIDE THE STUDENT WITH PLANNED LEARNING EXPERIENCES AND REALISTIC OPPORTUNITIES TO USE SKILLS AND KNOWLEDGES, PLACEMENT IN THE WORLD OF WORK, AND EVALUATION ON THE BASIS OF SUCCESS ON THE JOB. NATIONALLY KNOWN RESOURCE PERSONS PRESENTED MATERIALS RELATIVE TO THE CYCLE. THE TEACHING OF DISADVANTAGED YOUTH WAS GIVEN PRIME CONCERN. EACH PARTICIPANT SPENT 3 DAYS IN EACH OF TWO OFFICES IN THE AREA TO GATHER JOB INFORMATION. INCLUDED ARE (1) THE FOLLOWUP EVALUATION FINDINGS AND COMMENTS OF THE PARTICIPANTS, (2) A BIBLIOGRAPHY, (3) EXTENSIVE APPENDIXES CONTAINING FEDERAL LEGISLATION REPORTS, INSTRUCTIONAL MATERIALS, THE EVALUATION QUESTIONNAIRE, AND INSTITUTE INFORMATION, AND (4) A DESCRIPTION OF THE CYCLE. (PS)

ED 021 138 **VT 005 870**

HEGER, ROBERT J.

OPEN SYSTEM THEORY AND CHANGE IN VOCATIONAL PROGRAMS OF IDAHO SECONDARY SCHOOLS.

IDAHO OCCUPATIONAL RESEARCH COORDINATING UNIT

REPORT NUMBER BR-6-3014

PUB DATE FEB 68

GRANT OEG-4-7-063014-1590

EDRS PRICE MF-$0.75 HC-$6.64 164P.

DESCRIPTORS— *ADMINISTRATIVE CHANGE, *DECISION MAKING, *SCHOOL SUPERINTENDENTS, *SYSTEMS APPROACH, *VOCATIONAL EDUCATION, CHANGE AGENTS, EDUCATIONAL CHANGE, EDUCATIONAL INNOVATION, HIGH SCHOOLS, IDAHO, INTERVIEWS, RESEARCH PROJECTS,

THE DECISION-MAKING PROCESS OF SUPERINTENDENTS AS RELATED TO THE SYSTEM THEORY OF ADMINISTRATIVE CHANGE WAS THE CENTRAL FOCUS OF THIS STUDY. SPECIFIC OBJECTIVES WERE (1) TO ANALYZE SUPERINTENDENTS' DECISION MAKING AS RELATED TO MODIFYING AND INITIATING VOCATIONAL EDUCATION PROGRAMS IN IDAHO, (2) TO TEST A THEORY OF ADMINISTRATIVE CHANGE AS RELATED TO VOCATIONAL EDUCATION, AND (3) TO DETERMINE CONDITIONS IN WHICH VOCATIONAL EDUCATION CHANGE IS LEAST AND MOST LIKELY TO OCCUR. INTERVIEWS WERE CONDUTED WITH 50 SCHOOL SUPERINTENDENTS RANDOMLY SELECTED FROM SCHOOL DISTRICTS LOCATED IN THE SIX JUNIOR COLLEGE DISTRICTS OF IDAHO TO TEST FOUR PROPOSITIONS TO PREDICT CONDITIONS TENDING TO INHIBIT CHANGE AND THREE TENDING TO AID CHANGE. RELATIONSHIPS AMONG PROPERTIES AD PROPOSITIONS OF THE OPEN SYSTEM THEORY OF ADMINISTRATIVE CHANGE INDICATED THAT (1) STEADY STATES OF SYSTEMS ARE ACCOMPANIED BY INCREASED HIERARCHY, (2) PROGRESSIVE DEPARTMENTALIZATION SEEMS TO ACCOMPANY THE INTERPLAY OF SUBSYSTEMS IN SUCH A WAY AS TO INDUCE CHANGE, (3) DISTRICTS ENCOURAGING DYNAMIC INTERPLAY ARE MORE LIKELY TO EMPLOY OUTSIDE SUPERINTENDENTS AND SUPPORT HIS EFFORTS FOR CHANGE, AND (4) SCHOOLS WITH INTERNAL FEEDBACK SYSTEMS ARE MORE LIKELY TO RESPOND TO THAN RESIST STRONG OUTSIDE PRESSURES. A CONCLUSION IN DIRECT OPPOSITION TO THE THEORY PREDICTIONS STATED THAT THE MORE HIERARCHICAL THE STRUCTURE OF AN ORGANIZATION AND THE MORE FUNCTIONAL THE DYNAMIC INTERPLAY BETWEEN SUBSYSTEMS, THE GREATER THE PROBABILITY OF VOCATIONAL PROGRAM CHANGE. A BIBLIOGRAPHY AND STATISTICAL DATA ARE INCLUDED. (DM)

ED 021 139 **VT 005 874**

VOCATIONAL EDUCATION AND THE COMPREHENSIVE HIGH SCHOOL--A CHALLENGE TO ADMINISTRATORS.

NEVADA OCCUPATIONAL RES. COORDINATING UNIT, RENO

REPORT NUMBER BR-6-2733

PUB DATE 68

GRANT OEG-4-6-062723-2214

EDRS PRICE MF-$0.25 HC-$1.60 38P.

DESCRIPTORS— *ADMINISTRATOR RESPONSIBILITY, *ADMINISTRATOR ROLE, *COMPREHENSIVE HIGH SCHOOLS, *VOCATIONAL EDUCATION, CHANGING ATTITUDES, EDUCATIONAL COORDINATION, EDUCATIONAL PHILOSOPHY, LEADERSHIP, PROGRAM ADMINISTRATION, PROGRAM IMPROVEMENT,

THE ROLE OF THE HIGH SCHOOL PRINCIPAL IN MOVING VOCATIONAL EDUCATION FROM A "STATUS QUO" POSITION TO ONE OF RIGHTFUL PARTNERSHIP WITH OTHER AREAS OF THE CURRICULUM IN THE COMPREHENSIVE HIGH SCHOOL IS A VITAL ONE. THE MOTION THAT HIGH SCHOOL IS FOR COLLEGE-BOUND STUDENTS GREATLY LIMITS THE OPPORTUNITIES OF YOUNG PEOPLE WHO DO NOT ATTEND COLLEGE, AND IF EDUCATION IS THE RIGHT OF ALL YOUTH, SOMETHING IS OUT OF BALANCE. IF THIS IMBALANCE IS TO BE IMPROVED, THE GENERAL IMAGE OF VOCATIONAL EDUCATION MUST BE IMPROVED. THIS IMAGE WITHIN ANY INDIVIDUAL HIGH SCHOOL CAN BE CHANGED BY THE PRINCIPAL'S LEADERSHIP AND ATTITUDE IN HIS INSISTENCE THAT VOCATIONAL EDUCATION DEVELOP A RIGHTFUL PLACE IN THE COMPLETE ORGANIZATION OF THE SCHOOL. THIS CHANGE WILL CAUSE BOTH INTERNAL AND EXTERNAL CONFLICTS WHICH WILL REQUIRE MORE OF THE PRINCIPAL THAN NOMINAL LEADERSHIP AS HIS ACTUAL LEADERSHIP MAY BE CHALLENGED. THE JOB WILL CONSIST OF CHANGING THE ATTITUDES OF THE ADMINISTRATOR HIMSELF, THE ENTIRE FACULTY, THE COMMUNITY, AND THE STUDENTS. SUGGESTIONS AND GUIDELINES ARE OFFERED TO THE PRINCIPAL FOR CHANGING ATTITUDES AND ADMINISTERING THE PROGRAM. THE ATTITUDE OF THE PRINCIPAL, HIS RELATIONSHIP WITH THE COMMUNITY, AND ABILITY TO ENLIST HELP FROM ALL AVAILABLE SOURCES ARE REAL AIDS TO THE SUCCESSFUL DEVELOPMENT OF VOCATIONAL PROGRAMS. HE MUST ASSUME THE LEADERSHIP, BUT HE CANNOT CARRY THE PROBLEMS ALONE. HE WILL HAVE TO WELCOME EVERY SOURCE OF HELP IN PROMOTING A STRONG IMAGE OF THE VOCATIONAL PROGRAM, SELECTING PROPER PERSONNEL, IMPLEMENTING THE PROGRAM, AND CONDUCTING ONGOING EVALUATIONS. (MM)

ED 021 140 **VT 005 935**

HUFFMAN, HARRY AND OTHERS

A TAXONOMY OF OFFICE ACTIVITIES FOR BUSINESS AND OFFICE EDUCATION. INTERIM REPORT. RESEARCH 12.

REPORT NUMBER BR-7-1223

PUB DATE JUL 68

GRANT OEG-1-7-071223-5134

EDRS PRICE MF-$0.75 HC-$6.64 164P.

DESCRIPTORS— *OFFICE OCCUPATIONS, *OFFICE OCCUPATIONS EDUCATION, *TASK ANALYSIS, *TAXONOMY, BEHAVIORAL OBJECTIVES, BIBLIOGRAPHIES, EDUCATIONAL PLANNING, VOCABULARY,

A TAXONOMY IS AN ORDERLY CLASSIFICATION SYSTEM THAT PROVIDES FOR AN IDENTIFICATION OF RELATIONSHIPS. A TAXONOMY OF OFFICE ACTIVITIES FOR BUSINESS AND OFFICE EDUCATION WAS DEVELOPED TO PROVIDE SYSTEMATIC GUIDANCE FOR OBSERVING AND ANALYZING OFFICE ACTIVITIES, A COMMON LANGUAGE FOR DESCRIBING OFFICE ACTIVITIES, A BASIS FOR CONSOLIDATING DATA FROM MANY LOCATIONS AND OCCUPATIONS, AND A BASIS FOR WRITING PERFORMANCE GOALS. INFORMATION FROM PREVIOUS RESEARCH, FROM SECONDARY SOURCES, AND FROM IDEAS OF MANY EDUCATORS AND EXPERTS IN BUSINESS AND IN OFFICE ADMINISTRATION WAS USED IN ITS DEVELOPMENT. IT CONSISTS OF A LIST OF APPROXIMATELY 800 ACTION VERBS ORGANIZED IN THREE DOMAINS--OPERATING, INTERACTING, AND MANAGING--EACH OF WHICH HAS PRIMARY AND SECONDARY DIVISIONS. EACH VERB IS DEFINED AND USED TO ILLUSTRATE A SAMPLE TASK DESCRIPTION. POSITION PAPERS USED IN DEVELOPING THE TAXONOMY ARE PRESENTED--(1) NORMAN KALLAUS DESCRIBES THE RELATIONSHIPS OF MAN, MACHINE, AND WORK AND THE IMPACT OF NEW HARDWARE ON ALL THREE, (2) W.M. CARRITHERS DISCUSSES THE RELATIONSHIP OF DEVELOPMENTS IN HARDWARE TO DEVELOPMENTS IN SOFTWARE, AND (3) IRENE PLACE PRESENTS A DETAILED PROCEDURE FOR DEVELOPING AND STABILIZING A CLASSIFICATION SCHEME FOR ANALYZING ACTIVITIES OF OFFICE JOBS. A DEFINITION OF TERMS, AN INDEX OF VERBS FOR THE TAXONOMY, AND A BIBLIOGRAPHY ARE INCLUDED. THIS DOCUMENT IS AVAILABE FOR $2.75 FROM THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION, THE OHIO STATE UNIVERSITY, 980 KINNEAR ROAD, COLUMBUS OHIO 43212. (PS)

ED 021 141 **VT 005 941**

HILL, EDWIN K.

THE DEVELOPMENT AND TESTING OF AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO HELP STUDENTS ACQUIRE BASIC ELECTRICAL OCCUPATIONAL COMPETENCIES. FINAL REPORT NO. 19.

WASHINGTON STATE COORD. COUNCIL FOR OCCUP. EDUC.

REPORT NUMBER BR-7-0031

WASHINGTON STATE UNIV., PULLMAN, DEPT. OF EDUC.

PUB DATE JUN 68

GRANT OEG-4-7-070031-1626

EDRS PRICE MF-$0.50 HC-$3.08 75P.

DESCRIPTORS— *AUTOINSTRUCTIONAL AIDS, *ELECTRICITY, *INDIVIDUAL INSTRUCTION, *MEDIA RESEARCH, *PROGRAMED INSTRUCTION, BIBLIOGRAPHIES, ELEMENTARY SCHOOL STUDENTS, EXPERIMENTAL GROUPS, KNOWLEDGE LEVEL, MULTIMEDIA INSTRUCTION, POST TESTING, PRETESTING, SECONDARY SCHOOL STUDENTS, SYSTEMS APPROACH,

AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO ASSIST STUDENTS IN ACQUIRING AND APPLYING KNOWLEDGE OF THE NATURE, CONVERSION, AND TRANSMISSION OF ELECTRICAL ENERGY AND OF PRINCIPLES OF SIMPLE EELECTRICAL CIRCUITS WAS DEVELOPED AND TESTED FOR EFFECTIVENESS. RELATED LABORATORY EXERCISES WERE AN INTEGRAL PART OF THE SYSTEM WHICH CONSISTED OF A SERIES OF TAPE-SLIDE SEQUENCES PRESENTING INFORMATION IN A LINEAR PROGRAMED PATTERN AND A WORKBOOK IN WHICH THE STUDENTS WERE ASKED TO RESPOND TO A WIDE VARIETY OF QUESTIONS AND PROBLEMS. PARALLEL FORMS OF PRE-TEST AND POST-TEST CRITERION MEASURES DEVELOPED FOR THE STUDY DETERMINED THE KNOWLEDGE GAIN OF THE SAMPLE OF 30 BOYS AND GIRLS IN GRADES THREE THROUGH 12. THE TOTAL MEAN TIME REQUIRED TO COMPLETE THE THREE LESSONS IN THE SYSTEM WAS 3.3 HOURS. THE SYSTEM FUNCTIONED WITH RESPECT TO INDIVIDUAL STUDENT DIFFERENCES AND INDEPENDENTLY OF INSTRUCTOR ASSISTANCE A MAJOR PART OF THE TIME. ANALYSIS OF POST-TEST SCORES INDICATED THAT THE AVERAGE ACHIEVEMENT WAS 60.1 PERCENT OF POSSIBLE ACHIEVEMENT AND THAT VARIATIONS IN ACHIEVEMENT WERE ASSOCIATED WITH DIFFERENCES IN AGE. LOW, AVERAGE, AND HIGH ABILITY STUDENTS LEARNED EQUALLY WELL FROM THE SYSTEM. LISTS OF REFERENCES ARE INCLUDED. (HC)

ED 021 142 **VT 005 942**
NEW PERSPECTIVES ON MANPOWER PROBLEMS AND MEASURES.
DEPARTMENT OF LABOR, WASHINGTON, D.C.
PUB DATE APR 68
EDRS PRICE MF-$0.50 HC-$2.76 67P.

DESCRIPTORS— *MANPOWER NEEDS, *MANPOWER UTILIZATION, *MEASUREMENT, EMPLOYMENT PROBLEMS, EMPLOYMENT STATISTICS, EQUAL EDUCATION, EQUAL OPPORTUNITIES (JOBS), INCOME, JOB SATISFACTION, LABOR FORCE, LABOR STANDARDS, RESEARCH PROBLEMS, SUBEMPLOYMENT, UNEMPLOYMENT, WORK ENVIRONMENT,

TWO CHIEF AIMS OF THIS CHAPTER ARE TO TAKE A BROAD NEW LOOK AT THE MAJOR PROBLEM AREAS OF CONCERN TO MANPOWER POLICY AND TO POINT THE WAY TOWARD MORE COMPREHENSIVE AND SENSITIVE MEASURES OF PROGRESS AND PROBLEMS IN THESE AREAS. IN ADDITION TO THE REDUCTION OF JOBLESSNESS AND UNDEREMPLOYMENT, SOME OF THE IMPROTANT AREAS OF MANPOWER CONCERN WHICH REQUIRE BETTER MEASUREMENT ARE (1) THE ADEQUACY OF WORKERS' EARNINGS, INCLUDING MINIMUM WAGE STANDARDS AND ANNUAL EARNINGS, (2) THE CONCEPT OF SUBEMPLOYMENT WHICH IS DESIGNED TO PROVIDE A SUMMARY MEASURE OF THE COMPOUNDED IMPACT OF BOTH UNEMPLOYMENT AND LOW EARNINGS ON THE SAME GROUP OF WORKERS, (3) PROVISIONS FOR INCOME MAINTENANCE WHEN WORKERS ARE INVOLUNTARYILY UNEMPLOYED, DISABLED, OR RETIRED, (4) THE QUALITY OF EMPLOYMENT, INCLUDING PHYSICAL, PSYCHOLOGICAL, AND SOCIAL ASPECTS OF WORK, (5) THE EXTENT OF EQUALITY OF ECONOMIC AND SOCIAL OPPORTUNITY FOR ALL ETHNIC MINORITY GROUPS, AND (6) THE SUCCESS IN MEETING THE MANPOWER REQUIREMENTS OF OUR ECONOMY AND SOCIETY, INCLUDING THE EXTENT AND NATURE OF CURRENT LABOR SHORTAGES AND MANPOER IMBALANCES, PROSPECTIVE MANPOWER REQUIREMENTS, AND THE CHANGES IN RATES OF TRAINING AND JOB MARKET MECHANISMS ESSENTIAL TO MEET MANPOWER DEMANDS. WITH WELL-DEVELOPED MEASUREMENT TECHNIQUES, IT SHOULD BE POSSIBLE, WITHIN A LIMITED AREA, TO PINPOINT PROBLEMS AS THEY EMERGE AND EVEN TO ACHIEVE SOME FORWARNING OF THEM FROM KNOWLEDGE OF HOW EVENTS AFFECT ONE ANOTHER. TO TEST THE VALIDITY AND UTILITY OF EXISTING MEASURES, TO EVOLVE MORE EFFECTIVE ONES, AND TO IDENTIFY AREAS WHERE NEW MEASURES ARE NEEDED WILL BE CONTINUING RESEARCH CHALLENGES IF A SYSTEM OF MANPOWER INDICATORS IS TO BECOME A FRUITFUL REALITY. THIS CHAPTER APPEARS IN "MANPOWER REPORT OF THE PRESIDENT AND REPORT ON MANPOWER REQUIREMENTS, RESOURCES, UTILIZATION, AND TRAINING" (1968) AVAILABLE AS VT 001 025. (ET)

ED 021 143 **VT 005 943**
BARRIERS TO EMPLOYMENT OF THE DISADVANTAGED.
DEPARTMENT OF LABOR, WASHINGTON, D.C.
PUB DATE APR 68
EDRS PRICE MF-$0.25 HC-$1.16 27P.

DESCRIPTORS— *DISADVANTAGED GROUPS, *EMPLOYMENT PROBLEMS, *SLUM ENVIRONMENT, *SOCIOECONOMIC INFLUENCES, *SUBEMPLOYMENT, DEPRESSED AREAS (GEOGRAPHIC), INDIVIDUAL CHARACTERISTICS, UNEMPLOYED, WELFARE PROBLEMS, WORK ATTITUDES,

HALF A MILLION PERSONS, REPRESENTING 7.5 PERCENT OF THE POVERTY AREA WORK FORCE, WERE UNEMPLOYED IN THE POVERTY AREAS OF LARGE STANDARD METROPOLITAN STATISTICAL AREAS IN MARCH 1966. HOWEVER, A REASONABLE, AND PROBABLY MINIMAL, ESTIMATE OF "SUBEMPLOYMENT" (A COMPOSITE MEASURE OF BOTH JOBLESSNESS AND EMPLOYMENT AT SUBSTANDARD WAGES) IN THESE POVERTY AREAS WOULD BE 1.5 MILLION. THE FACTORS WHICH PRODUCE SUBEMPLOYMENT IN BIG CITY POVERTY AREAS ARE AS DIVERSE AS THE CHARACTERISTICS OF THE PEOPLE AFFECTED. THEY ARE ALSO INTERRELATED, MUTUALLY REINFORCING, AND DIFFICULT TO DISENTANGLE. SOCIAL-PSYCHOLOGICAL FACTORS, LACK OF EDUCATION AND TRAINING, ILL-HEALTH, DISCRIMINATION AND OTHER EMPLOYER PRACTICES WITH RESPECT TO SELECTION OF EMPLOYEES, AND DISTANCE FROM AVAILABLE JOBS ARE AMONG THE MANY BARRIERS WHICH CONTRIBUTE TO JOBLESSNESS, UNDEREMPLOYMENT, AND LOW EARNINGS. THE BARRIERS WHICH SEPARATE SUBEMPLOYED SLUM RESIDENTS FROM THE MAINSTREAM OF ECONOMIC AND SOCIAL LIFE HAVE RESULTED IN THE CREATION OF AN IRREGULAR ECONOMY IN POVERTY AREAS, A SEPARATE ECONOMIC WORLD WHICH DIFFERS VITALLY FROM THE MIDDLE-CLASS WORLD SURROUNDING THE SLUMS. THIS WORLD HAS ITS OWN SPECIAL VALUES, ITS OWN STRATEGIES FOR SURVIVAL, ITS OWN MORAL STANDARDS, AND ITS OWN CRITERIA OF SUCCESS OR FAILURE. MOTHERS RECEIVING ASSISTANCE THROUGH THE FEDERAL PROGRAM OF AID TO FAMILIES WITH DEPENDENT CHILDREN ARE USED IN AN ILLUSTRATIVE STUDY OF ONE GROUP OF SUBEMPLOYED IN THE IRREGULAR ECONOMY. THE IMPLICATIONS OF THE VARIOUS DIMENSIONS OF SUBEMPLOYMENT FOR MANPOWER POLICIES ARE DISCUSSED. THIS CHAPTER APPEARS IN "MANPOWER REPORT OF THE PRESIDENT AND REPORT ON MANPOWER REQUIREMENTS, RESOURCES, UTILIZATION, AND TRAINING" (1968) AVAILABLE AS VT 001 025. (ET)

ED 021 144 **VT 005 944**
BRIDGING THE GAP FROM SCHOOL TO WORK.
DEPARTMENT OF LABOR, WASHINGTON, D.C.
PUB DATE APR 68
EDRS PRICE MF-$0.25 HC-$0.64 14P.

DESCRIPTORS— *UNEMPLOYMENT, *VOCATIONAL ADJUSTMENT, *YOUTH EMPLOYMENT, *YOUTH PROBLEMS, EMPLOYMENT OPPORTUNITIS, FOREIGN COUNTRIES, OCCUPATIONAL GUIDANCE, SCHOOL ROLE, WORK EXPERIENCE PROGRAMS, WORK STUDY PROGRAMS,

HIGH RATES OF YOUTH UNEMPLOYMENT, ESPECIALLY FOR THOSE IN LOW-INCOME MINORITY GROUP FAMILIES, AND UNDEREMPLOYMENT, DESPITE THE FACT THAT THE UNITED STATES KEEPS LARGER PROPORTIONS OF ITS CHILDREN IN SCHOOL LONGER THAN DOES ANY OTHER NATION, GIVE SOME INDICATION OF WHY THE SCHOOL-TO-WORK PROBLEM COMMANDS PUBLIC ATTENTION. SOME OF THE VARIABLES CONSIDERED TO AFFECT THE PROCESS OF TRANSITION, AND REQUIRING INTENSIVE REVIEW, ARE COUNSELING AND PLACEMENT BY SCHOOLS AND OTHER AGENCIES, WORK EXPERIENCE PROGRAMS IN SCHOOLS, OCCUPATIONAL INFORMATION IN SCHOOLS, WORK-ORIENTED CURRICULUMS, SPECIFIC AND GENERAL OCCUPATIONAL TRAINING, COOPERATIVE EDUCATION IN THIS COUNTRY WITH THAT EXPERIENCED IN EUROPE SUGGESTS THAT THE SCHOOL-TO-WORK GAP IN THE UNITED STATES IS LARGELY A RESULT OF THE HIGH EDUCATIONAL AND FLEXIBLE CAREER SIGHTS THAT HAVE BEEN SET WHILE AVAILABLE JOB OPPORTUNITIES HAVE NOT BEEN AT AS HIGH A LEVEL. WHILE RECOGNIZING AN INSUFFICIENCY OF RELEVANT RESEARCH, CERTAIN GENERAL CONCLUSIONS CAN BE REACHED ON THE BASIS OF PRESENT KNOWLEDGE CONCERNING THE CHARACTER OF THE STEPS THAT CAN BE TAKEN TO NARROW THE GAP BETWEEN SCHOOL AND WORK. AMONG THESE STEPS ARE (1) INCREASING STUDENT KNOWLEDGE ABOUT THE ENVIRONMENT OF WORK WHILE IN SCHOOL, (2) INCREASING OPPORTUNITY FOR STUDENTS TO GAIN ACTUAL WORK EXPERIENCE, (3) INCREASING PARTICIPATION OF BUSINESS AND OTHER PRIVATE GROUPS IN THE EDUCATION WORLD, AND (4) PROVIDING IMPROVED KNOWLEDGE AND TRAINING AT THE POINT OF ENTRY INTO THE JOB MARKET. THIS CHAPTER APPEARS IN "MANPOWER REPORT OF THE PRESIDENT AND REPORT ON MANPOWER REQUIREMENTS, RESOURCES, UTILIZATION, AND TRAINING" (1968) AVAILABLE AS VT 001 025. (ET)

ED 021 145 **VT 005 945**
GEOGRAPHIC FACTORS IN EMPLOYMENT AND MANPOWER DEVELOPMENT.
DEPARTMENT OF LABOR, WASHINGTON, D.C.
PUB DATE APR 68
EDRS PRICE MF-$0.25 HC-$1.72 41P.

DESCRIPTORS— *DEPRESSED AREAS (GEOGRAPHIC), *ECONOMIC DEVELOPMENT, *ECONOMIC DISADVANTAGEMENT, *FEDERAL PROGRAMS, *MIGRATION, RURAL AREAS, TRANSPORTATION, UNEMPLOYMENT, URBAN AREAS,

THIS COUNTRY MUST FACE THE ECONOMIC AND SOCIAL CONSEQUENCES OF CHANGING PATTERNS OF EMPLOYMENT LOCATION WHICH RESULT FROM SHIFTING CURRENTS OF TECHNOLOGICAL CHANGE, PRODUCT DEMAND, AND JOB AND PROFIT SEEKING. ECONOMIC DEVELOPMENT PROGRAMS OF THE LAST 7 YEARS, EMPLOYING A WIDE VARIETY OF APPROACHES TO THEIR COMMON GOAL OF ECONOMIC DEVELOPMENT AND JOB CREATION, REFLECT A NEW NATIONAL DETERMINATION TO MEET THE PROBLEMS OF PEOPLE IN DEPRESSED RURAL AND URBAN AREAS. ONE OF THE BASIC QUESTIONS TO BE FACED IN ECONOMIC DEVELOPMENT PROGRAMS CONCERNS THE COMBINATIONS OF PROGRAM EFFORTS WHICH SHOULD EXIST IN THE TWO DIRECTIONS OF MOVING JOBS TO WORKERS AND MOVING WORKERS TO JOBS. IN DEVELOPING PROGRAM PLANS, ACCOUNT SHOULD BE TAKEN OF THE RELATIVE COSTS AND BENEFITS TO THE NATION, AS WELL AS TO THE PARTICULAR AREA AND ITS WORKERS, OF MIGRATION AS COMPARED WITH LOCAL ECONOMIC DEVELOPMENT. FORMULATION OF STRATEGY FOR A COORDINATED MANPOWER AND ECONOMIC DEVELOPMENT POLICY REQUIRES ANSWERS TO SEVERAL QUESTIONS, INCLUDING–(1) HOW CAN THE EMPLOYMENT POTENTIAL OF DIFFERENT AREAS AND THE POTENTIAL RESULTS OF VARIOUS ACTION PROGRAMS BE BETTER EVALUATED, (2) SHOULD PRESENT MEASURES TO STIMULATE PRIVATE BUSINESS AND JOB EXPANSION BE STRENGTHENED AND SUPPLEMENTED, (3) COULD INTERAREA DIFFERENCES IN UNEMPLOYMENT BE REDUCED THROUGH CHANGES IN GOVERNMENT PROCUREMENT AND TRANSPORTATION POLICIES AND DECISIONS REGARD-

ING THE LOCATION OF FACILITIES, AND (4) WHAT BALANCE SHOULD VOCATIONAL EDUCATION AND TRAINING ACHIEVE BETWEEN PREPARING PEOPLE FOR LOCALLY REQUIRED OCCUPATIONS AND PREPARING THEM FOR OUT-MIGRATION. CHARTS, GRAPHS, AND TABLES ARE INCLUDED. THIS CHAPTER APPEARS IN "MANPOWER REPORT OF THE PRESIDENT AND REPORT ON MANPOWER REQUIREMENTS, RESOURCES, UTILIZATION, AND TRAINING" (1968) AVAILABLE AS VT 001 025. (ET)

ED 021 146 **VT 005 946**

REVIEW OF MANPOWER DEVELOPMENTS IN 1967.

DEPARTMENT OF LABOR, WASHINGTON, D.C.

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$1.04 24P.

DESCRIPTORS— *ECONOMIC FACTORS, *ECONOMIC PROGRESS, *EMPLOYMENT PATTERNS, *EMPLOYMENT TRENDS, *UNEMPLOYMENT, DISADVANTAGED GROUPS, LABOR FORCE, OCCUPATIONS,

IN 1967 THE COUNTRY AVERTED AN ECONOMIC DOWNTURN AND CONTINUED INSTEAD TO COMPLETE ITS 7TH CONSECUTIVE YEAR OF EXPANSION. ALTHOUGH GAINS FOR THE YEAR AS A WHOLE WERE SMALL IN COMPARISON WITH THE SHARP ADVANCES OF THE PREVIOUS 2 YEARS, BY YEAREND, THE FORCES OF GROWTH WERE ABUNDANTLY EVIDENT AND POINTED TO A RENEWAL OF IMPROVEMENT IN THE EMPLOYMENT SITUATION. BY THE END OF 1967, THE OVERALL UNEMPLOMENT RATE AND THE RATES FOR MOST (BUT SIGNIFICANTLY NOT ALL) GROUPS IN THE LABOR FORCE WERE THE LOWEST SINCE THE KOREAN WAR. A TYPICALLY MORE-DELAYED RECOVERY CHARACTERIZED THE VULNERABLE GROUPS. LARGE NUMBERS OF THESE WORKERS HAVE ONLY RECENTLY BEGUN TO BENEFIT FROM THE ADDITIONAL JOBS, OCCUPATIONAL UPGRADING, AND RISING INCOMES THAT HAVE ACCOMPANIED HIGH AND SUSTAINED ECONOMIC GROWTH. BUT THE FIRST SIGNS OF ECONOMIC SLOWDOWN IN 1967 WERE REFLECTED IN LAYOFFS OF BLUE-COLLAR WORKERS AND IN RISING UNEMPLOYMENT AMONG UNSKILLED WORKERS, NEGROES, AND TEENAGERS. RENEWAL OF THE ECONOMIC EXPANSION BROUGHT TO THE FORE THE DANGERS THAT ATTEND RAPID GROWTH, SUCH AS RAPIDLY RISING PRICES, INCREASED COSTS OF PRODUCTION, AND INDUSTRIAL SHIFTS, WHICH COULD RESULTS IN UNBALANCED GROWTH AND THREATEN CONTINUATION OF PRESENT PROGRESS. AT A TIME WHEN THE NATION IS POISED TO MOVE ON TO FULL EMPLOYMENT, A POLICY OF CAREFULLY SELECTING BALANCED GROWTH TARGETS THAT WILL MAKE THE GREATEST RELATIVE IMPACT ON THE DISADVANTAGED IS INDICATED. THIS CHAPTER APPEARS IN "MANPOWER REPORT OF THE PRESIDENT AND REPORT ON MANPOWER REQUIREMENTS, RESOURCES, UTILIZATION, AND TRAINING" (1968) AVAILABLE AS VT 001 025. (ET)

ED 021 147 **VT 005 947**

NEW DEVELOPMENTS IN MANPOWER PROGRAMS.

DEPARTMENT OF LABOR, WASHINGTON, D.C.

PUB DATE APR 68

EDRS PRICE MF-$0.25 HC-$0.88 20P.

DESCRIPTORS— *DISADVANTAGED GROUPS, *EMPLOYMENT PROGRAMS, *FEDERAL PROGRAMS, *MANPOWER DEVELOPMENT, *PROGRAM DESCRIPTIONS, EXPERIMENTAL PROGRAMS, MDTA PROGRAMS, WORK EXPERIENCE PROGRAMS,

THE THREE MAJOR FOCUSES OF MANPOWER POLICY AND PROGRAMS IN 1967 WERE ON THE CONCENTRATION AND UNIFICATION OF MANPOWER FORCES TO HELP THE NATION'S MOST DISADVANTAGED PEOPLE ACHIEVE EMPLOYABILITY AND DECENTLY PAID JOBS, ON GREATLY INCREASED EFFORTS TO INVOLVE PRIVATE INDUSTRY IN THE TRAINING AND JOB ADJUSTMENT OF THE HARD-CORE UNEMPLOYED, AND ON NEW PROGRAM DEVELOPMENTS AIMED AT GREATER FLEXIBILITY IN MEETING THE DIVERGENT NEEDS OF DIFFERENT INDIVIDUALS AND GROUPS. SOME OF THE MEASURES AIMED AT SPEEDING PROGRESS IN THESE DIRECTIONS WERE (1) EXPANDING THE CONCENTRATED EMPLOYMENT PROGRAM, DESIGNED TO COORDINATE THE ATTACK ON HARD-CORE UNEMPLOYMENT, (2) STRENGTHENING AND STREAMLINING THE MANPOWER ADMINISTRATION, THE INSTRUMENT WITHIN THE FEDERAL GOVERNMENT WHICH MANAGES ALMOST 80 PERCENT OF OUR MANPOWER PROGRAMS, (3) ESTABLISHING THE COOPERATIVE AREA MANPOWER PLANNING SYSTEM, BEGUN IN 1967, ON A LONG-TERM BASIS, (4) ESTABLISHING THE JOB OPPORTUNITIES IN BUSINESS SECTOR (JOBS) PROGRAM, A NEW PARTNERSHIP BETWEEN GOVERNMENT AND PRIVATE INDUSTRY TO TRAIN AND HIRE THE HARD-CORE UNEMPLOYED, AND (5) ESTABLISHING THE WORK INCENTIVE PROGRAM (WIN) OF WORK AND TRAINING FOR EMPLOYABLE PEOPLE ON PUBLIC ASSISTANCE. DESCRIPTIONS OF OTHER PROGRAMS AND DISCUSSIONS OF WAYS OF MEETING THE NEEDS OF SPECIFIC CLIENT GROUPS ARE INCLUDED. A BUDGETARY INCREASE OF 25 PERCENT WAS RECOMMENDED FOR 1969 MANPOWER PROGRAMS. THIS CHAPTER APPEARS IN "MANPOWER REPORT OF THE PRESIDENT AND REPORT ON MANPOWER REQUIREMENTS, RESOURCES, UTILIZATION, AND TRAINING" (1968) AVAILABLE AS VT 001 025. (ET)

ED 021 148 **08** **VT 005 993**

BOWLES, ROY T. *SLOCUM, WALTER L.*

SOCIAL CHARACTERISTICS OF HIGH SCHOOL STUDENTS PLANNING TO PURSUE POST HIGH SCHOOL VOCATIONAL TRAINING. FINAL REPORT NO. 17.

REPORT NUMBER BR-7-0031

WASHINGTON RESEARCH COORD. UNIT FOR VOCAT. EDUC.

PUB DATE JUN 68

GRANT OEG-4-7-070031-1626

EDRS PRICE MF-$0.50 HC-$3.10 77P.

DESCRIPTORS— *CAREER PLANNING, *HIGH SCHOOL STUDENTS, *SOCIAL CHARACTERISTICS, *VOCATIONAL EDUCATION, *VOCATIONAL INTERESTS, ASPIRATION, BUSINESS EDUCATION, EDUCATIONAL EXPERIENCE, FAMILY ATTITUDES, FAMILY CHARACTERISTICS, POST SECONDARY EDUCATION, QUESTIONNAIRES, SELF CONCEPT, SOCIOECONOMIC INFLUENCES, STUDENT ATTITUDES, STUDENT CHARACTERISTICS, WASHINGTON,

THE CHARACTERISTICS OF STUDENTS PLANNING POST-HIGH SCHOOL BUSINESS EDUCATION, VOCATIONAL EDUCATION, SOME COLLEGE, AND COLLEGE GRADUATION ARE IDENTIFIED. A STRATIFIED RANDOM SAMPLE OF 3,117 JUNIOR AND SENIOR STUDENTS IN 12 HIGH SCHOOLS PROVIDED DATA FOR COMPARING SCHOOL EXPERIENCES AND ATTITUDES TOWARDS SCHOOL, FAMILY BACKGROUND, PEER GROUP RELATIONSHIPS, AND OCCUPATIONAL EXPECTATIONS. THE FINDINGS IMPLIED THAT SCHOOL EXPERIENCES TEND TO REINFORCE RATHER THAN DISPEL THE HANDICAP TO EDUCATIONAL ACHIEVEMENT AND SUBSEQUENT UPWARD OCCUPATIONAL MOBILITY OF HAVING BEEN BORN INTO A FAMILY WITH LOW SOCIOECONOMIC STATUS. STUDENTS PLANNING VOCATIONAL AND BUSINESS TRAINING HAD RELATIVELY LOW SELF-IMAGES OF THEIR OWN SCHOLASTIC AND INTELLECTUAL ABILITIES WHEN COMPARED TO COLLEGE BOUND STUDENTS. STUDENTS PLANNING VOCATIONAL OR BUSINESS TRAINING RATED BETWEEN COLLEGE BOUND STUDENTS AND THOSE PLANNING TO TERMINATE THEIR FORMAL EDUCATION IN HIGH SCHOOL ON GRADE LEVEL, INTEREST IN SCHOOL WORK AND SATISFACTION WITH SCHOOL. IN GENERAL, STUDENTS PLANNING VOCATIONAL OR BUSINESS TRAINING HAD FOUND HIGH SCHOOL A RELATIVELY UNSUCCESSFUL AND UNINTERESTING EXPERIENCE BUT PLANNED TO ENTER OCCUPATIONS FOR WHICH THEIR TRAINING WOULD PREPARE THEM. HOWEVER, A SIGNIFICANT MINORITY SHOWED AN INCONGRUITY BETWEEN EDUCATIONAL AND OCCUPATIONAL PLANS. (DM)

ED 021 149 **VT 006 006**

AUTOMOTIVE DIESEL MAINTENANCE. PROGRAM OUTLINE.

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

PUB DATE 1 MAR 68

EDRS PRICE MF-$0.25 HC-$0.96 22P.

DESCRIPTORS— *AUTO MECHANICS (OCCUPATION), *CURRICULUM GUIDES, *DIESEL ENGINES, *TRADE AND INDUSTRIAL EDUCATION, ADULT VOCATIONAL EDUCATION, EQUIPMENT MAINTENANCE, INDIVIDUAL INSTRUCTION, INSTRUCTIONAL FILMS, MOTOR VEHICLES, PROGRAMED INSTRUCTION, PROGRAMED MATERIALS, TRANSPARENCIES,

INFORMATIONAL TOPICS COVERED IN THE TEXT MATERIALS AND SELF-INSTRUCTIONAL BRANCH PROGRAMED TRAINING FILMS FOR A 2-YEAR, 55 MODULE PROGRAM IN AUTOMOTIVE DIESEL MAINTENANCE ARE GIVEN. THE 30 MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 1" ARE AVAILABLE AS VT 005 655 - VT 005 684, AND THE 25 MODULES FOR "AUTOMOTIVE DIESEL MAINTENANCE 2" ARE AVAILABLE AS VT 005 685 - VT 005 709. THIS DOCUMENT IS AVAILABLE FROM THE HUMAN ENGINEERING INSTITUTE, HEADQUARTERS AND DEVELOPMENT CENTER, 2341 CARNEGIE AVENUE, CLEVELAND, OHIO 44115. (HC)

ED 021 150 **VT 006 291**

STATE-WIDE COMPUTERIZED MODEL FOR DETERMINING OCCUPATIONAL OPPORTUNITIES IN NEBRASKA.

NEBRASKA RESEARCH COORDINATING UNIT, LINCOLN

PUB DATE JUL 68

EDRS PRICE MF-$0.25 HC-$0.80 18P.

DESCRIPTORS— *EMPLOYMENT LEVEL, *EMPLOYMENT OPPORTUNITIES, *EMPLOYMENT PROJECTIONS, *OCCUPATIONAL CLUSTERS, *VOCATIONAL EDUCATION, AGRICULTURAL EDUCATION, BUSINESS EDUCATION, DISTRIBUTIVE EDUCATION, EDUCATIONAL PLANNING, EMPLOYMENT STATISTICS, EMPLOYMENT TRENDS, HEALTH EDUCATION, LABOR MARKET, MODELS, NEBRASKA, OCCUPATIONAL HOME ECONOMICS, OCCUPATIONAL SURVEYS, TRADE AND INDUSTRIAL EDUCATION,

THE NEED FOR OCCUPATIONAL EDUCATION PROGRAMS WAS ASCERTAINED BY DESIGNING A MODEL FOR STATEWIDE ASSESSMENT OF EMPLOYMENT OPPORTUNITIES. A LIST OF 63,125 NEBRASKA EMPLOYERS WAS DEVELOPED IN COOPERATION WITH THE STATE TAX COMMISSIONER, INTERNAL REVENUE SERVICE, AND THE STATE DEPARTMENT OF LABOR. QUESTIONNAIRES CONSISTING OF 174 JOB CLUSTERS WERE MAILED TO A 3 PERCENT RANDOM SAMPLE OF 1,894 FIRMS TO DETERMINE THE NUMBER OF PEOPLE PRESENTLY EMPLOYED BY OCCUPATIONAL GROUPING, THE NUMBER OF EMPLOYEES NEEDED IN EACH OCCUPATIONAL GROUP DURING THE NEXT YEAR, AND THE EMPLOYMENT NEEDS FOR EACH OCCUPATIONAL GROUPING IN THE NEXT 3 YEARS. THE QUESTIONNAIRE YIELDED A 40 PERCENT RESPONSE AND DATA FROM NON-RESPONDENTS WERE OBTAINED BY PERSONAL INTERVIEW. SELF-EMPLOYED PERSONS HIRING NO EMPLOYEES WERE NOT INCLUDED IN THE SAMPLE POPULATION. HOWEVER, THE FARMER AND RANCHER GROUP WAS ESTIMATED FROM NEBRASKA AGRICULTURAL STATISTICS. THE EMPLOYMENT DATA WERE PROJECTED BY COMPUTER TO REFLECT STATEWIDE EMPLOYMENT OPPORTUNITIES IN EACH OF THE 174 JOB GROUPS. CURRENT EMPLOYMENT IN NEBRASKA WAS ESTIMATED TO BE 653,990 AND PERCENTAGE DISTRIBUTIONS BY OCCUPATIONAL GROUPS WERE–(1) AGRICULTURAL, 20.4, (2) DISTRIBUTIVE, 22.5, (3) HEALTH, 3.9, (4) WAGE EARNING HOME ECONOMICS, .8, (5) BUSINESS, 16.3, (6) TRADE AND INDUSTRIAL, 29.6, AND (7) OTHER, 6.5. FINDINGS INDICATED 42.8 PERCENT

OF ALL NEW EMPLOYEES IN THE NEXT 3 YEARS WILL BE NEEDED IN THE TRADE AND INDUSTRIAL OCCUPATIONS AREA. FURTHER STUDY WAS RECOMMENDED TO DETERMINE JOB DESCRIPTIONS, CURRICULUM NEEDS, NET EMPLOYMENT OPPORTUNITIES (CORRECTED FOR MIGRATION), AND STARTING WAGES. (DM)

ED 021 151 **VT 006 309**

NOTES AND WORKING PAPERS CONCERNING THE ADMINISTRATION OF PROGRAMS AUTHORIZED UNDER VOCATIONAL EDCATION ACT OF 1963. PUBLIC LAW 88-210, AS AMENDED.

SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE

PUB DATE MAR 68

EDRS PRICE MF-$1.75 HC-$17.00 423P.

DESCRIPTORS— *ENVIRONMENTAL INFLUENCES, *EVALUATION, *NATIONAL PROGRAMS, *ORGANIZATION, *VOCATIONAL EDUCATION, ADMINISTRATION, ANCILLARY SERVICES, CURRICULUM DEVELOPMENT, EDUCATIONAL HISTORY, EDUCATIONAL INNOVATION, EDUCATIONAL OBJECTIVES, EXPENDITURES, FEDERAL LAWS, INFORMATION DISSEMINATION, ISSUES, OCCUPATIONAL GUIDANCE, RESEARCH, RESEARCH AND DEVELOPMENT CENTERS, RESEARCH COORDINATING UNITS, STUDENT ENROLLMENT, TEACHER EDUCATION, VOCATIONAL EDUCATION ACT OF 1963, YOUTH CLUBS,

UNDER THE PROVISIONS OF THE VOCATIONAL EDUCATION ACT OF 1963, THE ADVISORY COUNCIL ON VOCATIONAL EDUCATION WAS DIRECTED TO REVIEW THE ADMINISTRATION AND STATUS OF VOCATIONAL EDUCATION PROGRAMS AND TO MAKE RECOMMENDATION FOR IMPROVING SUCH PROGRAMS. HIGHLIGHTS, RECOMMENDATIONS, ISSUES, AND PROBLEMS OF VOCATIONAL EDUCATION WITHIN THE NATIONAL CONTEXT OF CHANGING SOCIAL, EDUCATIONAL, AND ECONOMIC CONDITIONS ARE REPORTED. PUBLICATION 1 IS "HIGHLIGHTS AND RECOMMENDATIONS FROM THE GENERAL REPORT OF THE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, 1968." PUBLICATION 2 IS THE "GENERAL REPORT OF THE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, 1968." PUBLICATION 3 IS THE "SUMMARY AND RECOMMENDATIONS ADOPTED FROM THE GENERAL REPORT OF THE ADVISORY COUNCIL ON VOCATIONAL EDUCATION, 1968." SOME HIGHLIGHTS ARE--(1) ENROLLMENT IN VOCATIONAL EDUCATION INCREASED FROM APPROXIMATELY 4 MILLION IN 1962 TO ABOUT 7 MILLION IN 1967 WITH MAJOR ENROLLMENT IN SECONDARY SCHOOLS AND ADULT PROGRAMS, (2) HEAVIEST ENROLLMENTS WERE IN HOMEMAKING, TRADE AND INDUSTRIAL, AND OFFICE OCCUPATIONAL AREAS, AND (3) OF 347,370 GRADUATES AVAILABLE FOR PLACEMENT IN OCTOBER 1966, 80 PERCENT WERE PLACED IN FIELDS OR RELATED FIELDS FOR WHICH THEY TRAINED. TWO MAJOR RECOMMENDATIONS WERE THAT ALL FEDERAL VOCATIONAL EDUCATION ACTS ADMINISTERED BY THE OFFICE OF EDUCATION BE COMBINED INTO ONE ACT AND THAT TWO TO FOUR CENTERS FOR VOCATIONAL EDUCATION CURRICULUM DEVELOPMENT BE ESTABLISHED. (EM)

subject index

This index lists titles of documents under the major subject terms that have been assigned to characterize their contents. The subjects, which conform to those presented in the Thesaurus of ERIC Descriptors, are in alphabetical order.

As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the report can be found under that number in the résumé section.

EDUCATIONAL RESEARCH

SEMINAR ON THE ECONOMICS OF EDUCATION--INVESTMENT DECISIONS AND CONTRIBUTIONS TO INCOME AND ECONOMIC GROWTH. FINAL REPORT.
BR-6-8224 ED 014 154

Accession Number

SUBJECT INDEX

ABILITY GROUPING
THE DEVELOPMENT OF DIFFERENTIATED CURRICULA FOR ABILITY GROUPED BIOLOGY CLASSES, INCLUDING TEACHER TRAINING AND PROGRAM EVALUATION.
ED 020 882

TWO VIEWS CONCERNING ABILITY GROUPING.
ED 020 981

ABSTRACTS
HOME ECONOMICS RESEARCH ABSTRACTS--1966. HOME ECONOMICS EDUCATION.
ED 021 058

ACADEMIC ABILITY
A COMPARISON OF A.C.T. SCORES OF TECHNOLOGY STUDENTS OF GLENDALE COMMUNITY COLLEGE WITH THE COLLEGE POPULATION IN GENERAL.
GCC-DSR-G-O-66-3 ED 020 728

AN EVALUATION AND FOLLOW-UP STUDY OF SUMMER 1966 HEAD START CHILDREN IN WASHINGTON, D.C.
OEO-1490 ED 020 794

ACADEMIC ACHIEVEMENT
USE OF CLOSED CIRCUIT TELEVISION IN TEACHER EDUCATION, RELATIONSHIP TO ACHIEVEMENT AND SUBJECT MATTER UNDERSTANDING.
ED 020 473

DYNAMICS OF ACHIEVEMENT--A STUDY OF DIFFERENTIAL GROWTH OF ACHIEVEMENT OVER TIME.
OE-TECH-N-NO-53 ED 020 527

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 3, IMPROVING THE EFFECTIVENESS OF THE UTILIZATION VOLUNTEER AND THE UTILIZATION OF ETV BY THE COLOMBIAN TEACHER.
ED 020 665

NEW TESTS FOR A NEW ERA.
ED 020 691

CORRELATIONS BETWEEN HIGH SCHOOL AVERAGES AND SAT SCORES AND FINAL SCHOLASTIC INDEXES--BMCC GRADUATES, JUNE 1966 THROUGH AUGUST 1967.
ED 020 734

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH SIX, SAN YSIDRO, CALIFORNIA.
DE7-150-4-68-1M ED 020 845

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH TWELVE, WASCO, CALIFORNIA.
DE7-151-4-68-1M ED 020 846

IMPACT OF SOCIAL CLASS.
ED 020 960

LEARNING EFFECTS OF INTEGRATION IN NEW ROCHELLE.
ED 021 000

ACADEMIC ASPIRATION
SAMPLE UPWARD BOUND PROGRAMS.
ED 020 957

ACADEMIC FAILURE
PREVENTION OF FAILURE.
ED 020 777

ACADEMIC FREEDOM
ISSUES IN AMERICAN EDUCATION.
ED 020 965

ACADEMIC PERFORMANCE
A DEMONSTRATION STUDY TO DETERMINE THE EFFECT ON ACADEMIC PERFORMANCE OF GIVING HIGH SCHOOL TEACHERS BACKGROUND INFORMATION ON HIGH-POTENTIAL LOW-ACHIEVING STUDENTS.
ED 020 975

ACADEMIC RANK (PROFESSIONAL)
ACADEMIC RANK CRITERIA IN AMERICAN JUNIOR COLLEGES.
ECC-65-24 ED 020 719

ACADEMIC STANDARDS
REPORT OF HOWARD LEE NOSTRAND, CHAIRMAN OF THE 1967-68 COMMITTEE ON A LEVEL-II STANDARD FOR UNDERSTANDING OF THE SOCIOCULTURAL CONTEXT (19TH ANNUAL MEETING OF THE PACIFIC NORTHWEST CONFERENCE ON FOREIGN LANGUAGES, CARROLL COLLEGE, APRIL 19-20, 1968).
ED 020 709

ACCULTURATION
RURAL IN-MIGRATION AND URBAN ASSIMILATION.
ED 020 811

ACHIEVEMENT
A LONG TERM STUDY OF THE RESULTS OF SPECIAL COUNSELING AND INSTRUCTIONAL TECHNIQUES USED WITH STUDENTS WITH SEEMINGLY LOW ACADEMIC POTENTIAL AS MEASURED BY MERRITT COLLEGE CLASSIFICATION TESTS.
ED 020 726

DIMENSIONS OF ACHIEVEMENT-RELATED BEHAVIOR AMONG LOWER-CLASS NEGRO PARENTS.
ED 021 004

ACHIEVEMENT GAINS
A FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART.
OEO-510 ED 020 786

ACHIEVEMENT TESTS
DYNAMICS OF ACHIEVEMENT--A STUDY OF DIFFERENTIAL GROWTH OF ACHIEVEMENT OVER TIME.
OE-TECH-N-NO-53 ED 020 527

ACOUSTICAL ENVIRONMENT
ENVIRONMENTAL ABSTRACTS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 1.
SER-1 ED 020 629

AIR DISTRIBUTION NOISE CONTROL IN CRITICAL AUDITORIUMS.
ED 020 645

ADJUSTMENT (TO ENVIRONMENT)
ADAPTATION AND ADAPTABILITY, THE BELLEFAIRE FOLLOWUP STUDY.
ED 020 595

HIGH SCHOOL STUDENTS WHO LATER BECAME SCHIZOPHRENIC.
CSDE-BULL-29-8 ED 020 596

RESEARCH BULLETIN. NUMBER 12.
ED 020 613

THE MARK OF OPPRESSION, EXPLORATIONS IN THE PERSONALITY OF THE AMERICAN NEGRO.
ED 020 953

ADMINISTRATION
EARLY SCHOOL ADMISSION FOR MENTALLY ADVANCED CHILDREN, A REVIEW OF RESEARCH AND PRACTICE.
ED 020 591

ADMINISTRATIVE CHANGE
THE IMPLICATIONS OF CHANGE FOR SCHOOL ADMINISTRATION.
ED 020 833

RESTRUCTURING CITY GOVERNMENT, THREE PROPOSALS FOR HUMAN SERVICES.
ED 020 995

OPEN SYSTEM THEORY AND CHANGE IN VOCATIONAL PROGRAMS OF IDAHO SECONDARY SCHOOLS.
BR-6-3014 ED 021 138

ADMINISTRATIVE ORGANIZATION
INTERMEDIATE UNITS AND SMALL HIGH SCHOOLS.
ED 020 815

THE EVOLVING INTERMEDIATE UNIT.
ED 020 843

ADMINISTRATIVE PERSONNEL
ANALYSIS OF PATTERNS OF LIFE HISTORY ANTECENDENTS OF EXECUTIVES FROM DIFFERENT COUNTRIES.
ED 020 547

EDUCATIONAL ADMINISTRATOR TRAINING FOR THE MULTI-CULTURAL COMMUNITY. FINAL REPORT FOR THE NATIONAL INSTITUTE OF MENTAL HEALTH.
ED 020 577

OPERATION PEP--A STATE-WIDE PROJECT TO PREPARE EDUCATIONAL PLANNERS FOR CALIFORNIA.
DPSC-67-4410 ED 020 584

DESIGN CONSIDERATIONS FOR THE INSTRUCTIONAL PROGRAM OF OPERATION PEP.
DPSC-67-4410 ED 020 586

THE IMPLICATIONS OF CHANGE FOR SCHOOL ADMINISTRATION.
ED 020 833

ADMINISTRATIVE PROBLEMS
A STUDY OF SELECTED FACTORS INHIBITING THE DEVELOPMENT OF ADULT EDUCATION IN THE STATE OF MICHIGAN, 1957-58.
ED 020 477

ADMINISTRATOR RESPONSIBILITY
REALITY AND THE AUEC.
ED 020 463

VOCATIONAL EDUCATION AND THE COMPREHENSIVE HIGH SCHOOL--A CHALLENGE TO ADMINISTRATORS.
BR-6-2733 ED 021 139

ADMINISTRATOR ROLE
EFFECTS OF MANAGEMENT DEVELOPMENT ON MANAGER BEHAVIOR AND SUBORDINATE PERCEPTION.
ED 020 466

THE SCHOOL PERSONNEL ADMINISTRATOR.
R-SERVICE-BULL-24 ED 020 562

EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION.
ED 020 576

THE SUPERINTENDENT AS A COMMUNITY EDUCATIONAL LEADER.
ED 020 827

ANALYSIS OF QUESTIONNAIRE COMPLETED BY UTAH VOCATIONAL DIRECTORS.
BR-6-3046 ED 021 041

VOCATIONAL EDUCATION AND THE COMPREHENSIVE HIGH SCHOOL--A CHALLENGE TO ADMINISTRATORS.
BR-6-2733 ED 021 139

ADULT BASIC EDUCATION
ADULT BASIC EDUCATION.
ED 020 464

POLAND--FURTHER DEVELOPMENT OF EDUCATION FOR WORKERS.
TT-67-33869 ED 020 465

THE NEED FOR AN ADULT BASIC EDUCATION CENTER. AN INTERIM REPORT TO THE ADVISORY COMMITTEE ON ADULT BASIC EDUCATION.
ED 020 470

ADULT CHARACTERISTICS
AN ANALYSIS OF THE CHARACTERISTICS OF THE UNEMPLOYED AND UNDEREDUCATED AS THEY RELATE TO PROGRAM PLANNING FOR CONTINUING EDUCATION IN MODESTO, REVISED ADULT EDUCATION PROGRAM PLAN.
ED 020 452

ADULT EDUCATION
THE EXETER PAPERS, REPORT OF THE FIRST INTERNATIONAL CONFERENCE ON THE COMPARATIVE STUDY OF ADULT EDUCATION.
ED 020 487

DIRECTORY OF ADULT EDUCATION ORGANIZATIONS, 1968.
ED 020 488

ADULT EDUCATION INFORMATION SERVICES, ESTABLISHMENT OF A PROTOTYPE SYSTEM FOR A NATIONAL ADULT EDUCATION LIBRARY AND APPENDICES. THREE PARTS.
PROJ-D-152 ED 020 489

AN ANALYSIS OF ROLES OF THE COMMUNITY COLLEGE IN CONTINUING EDUCATION IN CONJUNCTION WITH OTHER ORGANIZATIONS WHICH PROVIDE EDUCATION FOR ADULTS.
ED 020 713

ASSOCIATE IN ARTS DEGREE PROGRAM FOR ADULTS.
ED 020 732

COMMUNITY SERVICES OF THE COMMUNITY COLLEGES IN THE STATE OF PENNSYLVANIA.
ED 020 742

HOME EDUCATION LIVELIHOOD PROGRAM IN NEW MEXICO FOR UNDEREMPLOYED SEASONAL AGRICULTURE WORKERS.
GNM-8523 ED 020 807

ADULT EDUCATION PROGRAMS
SOVIET POLITICAL SCHOOLS, THE COMMUNIST PARTY ADULT INSTRUCTION SYSTEM.
ED 020 453

THE RATIONALE FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY, A SURVEY, ANALYSIS AND CRITIQUE OF THE LITERATURE FROM 1919 TO 1961.
ED 020 475

A STUDY OF SELECTED FACTORS INHIBITING THE DEVELOPMENT OF ADULT EDUCATION IN THE STATE OF MICHIGAN, 1957-58.
ED 020 477

A STUDY OF THE PERSONALITY DIFFERENCES BETWEEN A GROUP OF WOMEN WHO HAD PARTICIPATED IN SEWING CLASSES IN AN ADULT EDUCATION PROGRAM AND A GROUP OF THEIR FRIENDS AND NEIGHBORS WHO HAD NOT PARTICIPATED IN ANY ADULT EDUCATION ACTIVITIES.
ED 020 481

DEVELOPMENT PROSPECTUS. THE ART OF THE POSSIBLE.
ED 020 634

ADULT FARMER EDUCATION
CONTINUING EDUCATION OF ADULTS.
ED 020 455

A STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT.
ED 021 130

ADULT STUDENTS
A STUDY OF THE GOALS AND CHARACTERISTICS OF EXTENSION CREDIT STUDENTS IN NORTHWESTERN MICHIGAN.
ED 020 478

ADVANCED PLACEMENT
ADVANCED PLACEMENT IN OHIO.
ED 020 589

AEROSPACE INDUSTRY
QUANTITATIVE STUDY--AIRCRAFT INDUSTRY EMPLOYMENT NEEDS IN UTAH, COLORADO AND NEVADA. FINAL REPORT.
BR-6-3046 ED 021 129

AFRICAN CULTURE
SUGGESTED READINGS IN THE LITERATURES OF AFRICA, CHINA, INDIA, JAPAN. CURRICULUM BULLETIN, 1967-68 SERIES.
BULL-13 ED 020 919

TEACHING STRATEGIES FOR AFRICAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 938

AFTER SCHOOL TUTORING
A PLACE TO START.
ED 021 017

AGE DIFFERENCES
AGE OF ENTRANCE INTO THE FIRST GRADE AS RELATED TO ARITHMETIC ACHIEVEMENT.
ED 020 801

AGRICULTURAL LABORERS
HOME EDUCATION LIVELIHOOD PROGRAM IN NEW MEXICO FOR UNDEREMPLOYED SEASONAL AGRICULTURE WORKERS.
GNM-8523 ED 020 807

AGRICULTURAL LBAORERS
A STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT.
ED 021 130

AGRICULTURAL PRODUCTION
CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED IN SEVEN TYPES OF AGRICULTURAL PRODUCTION--GRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, AND GENERAL FARMING. REPORT NO. 27.
ED 021 067

AGRICULTURAL TECHNICIANS
FOREST TECHNOLOGY, A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.
ED 021 063

AGRICULTURAL TRENDS
A DYNAMIC CHARTER FOR RURAL EDUCATION.
ED 020 834

OUR CHANGING RURAL SOCIETY--PERSPECTIVES AND TRENDS.
ED 020 854

AIR CONDITIONING EQUIPMENT
RESEARCH IN CLASSROOM THERMAL ENVIRONMENT AT GARDENHILL SCHOOL IN LA MIRADA, CALIFORNIA.
ED 020 620

AIR DISTRIBUTION NOISE CONTROL IN CRITICAL AUDITORIUMS.
ED 020 645

ALCOHOL EDUCATION
NEEDS OF STUDENTS WITH AN ALCOHOL PROBLEM IN THEIR FAMILY.
ED 020 538

ALCOHOLISM
NEEDS OF STUDENTS WITH AN ALCOHOL PROBLEM IN THEIR FAMILY.
ED 020 538

AMERICAN CULTURE
COWBOYS, INDIANS, AND AMERICAN EDUCATION.
ED 020 810

BASEBALL IN AMERICAN FICTION.
ED 020 931

AMERICAN HISTORY
RURAL LIFE AND URBANIZED SOCIETY.
ED 020 852

HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN, 1964-1965.
ED 020 970

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE WASHINGTON, D.C., PUBLIC SCHOOLS.
ED 020 971

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE LOS ANGELES AND PHOENIX PUBLIC SCHOOLS.
ED 020 972

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE DETROIT PUBLIC SCHOOLS.
ED 020 973

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE NEW YORK CITY SCHOOLS.
ED 020 974

AMERICAN INDIANS
KWAKIUTL VILLAGE AND SCHOOL.
ED 020 820

YAZZIE REPORTS ON EDUCATION ACTIVITIES.
ED 020 825

REFERENCE ENCYCLOPEDIA OF THE AMERICAN INDIAN.
ED 020 853

AMERICAN LITERATURE
BASEBALL IN AMERICAN FICTION.
ED 020 931

TEACHING "MOBY DICK," A METHOD AND AN APPROACH.
ED 020 932

ANNOTATED BIBLIOGRAPHIES
SELECTED REFERENCES FOR PLANNING HIGHER EDUCATION FACILITIES.
ED 020 633

MLA SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 686

LANGUAGE TEACHING AND AV--A SELECTIVE BIBLIOGRAPHY.
ED 020 692

A SUPPLEMENT FOR GERMAN, NORWEGIAN, POLISH, RUSSIAN, AND SWEDISH TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 704

A SUPPLEMENT FOR SPANISH AND PORTUGUESE TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 705

A SUPPLEMENT FOR FRENCH AND ITALIAN TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 706

EDUCATION OF CHILDREN OF AGRICULTURAL MIGRANTS.
ED 020 838

BIBLIOTHERAPY–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-16 ED 020 874

READABILITY AND READING–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-10 ED 020 875

INDIVIDUALIZED READING–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-1 ED 020 876

PROVIDING CLINICAL SERVICES IN READING–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-5 ED 020 877

CLASSROOM ORGANIZATION FOR READING INSTRUCTION–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-6 ED 020 878

SPEED READING–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-14 ED 020 879

LINGUISTICS AND THE TEACHING OF READING–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-12 ED 020 881

BOOKS FOR TEACHERS OF ENGLISH, AN ANNOTATED BIBLIOGRAPHY. INDIANA UNIVERSITY ENGLISH CURRICULUM STUDY SERIES.
BR-5-0677-4 ED 020 933

WORKER ADJUSTMENT–YOUTH IN TRANSITION FROM SCHOOL TO WORK, AN ANNOTATED BIBLIOGRAPHY OF RECENT LITERATURE. BIBLIOGRAPHY 2.
ED 021 070

ANNUAL REPORTS

NEW YORK STATE INTERDEPARTMENTAL COMMITTEE ON FARM AND FOOD PROCESSING LABOR. 1967 REPORT.
ED 020 849

ANSWER KEYS

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, INSTRUCTOR'S GUIDE.
ED 021 022

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9B, INSTRUCTOR'S GUIDE.
ED 021 025

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, INSTRUCTOR'S GUIDE.
ED 021 028

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, INSTRUCTOR'S GUIDE.
ED 021 030

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, INSTRUCTOR'S GUIDE.
ED 021 032

ANXIETY

A PARADIGM FOR EXPERIMENTAL MODIFICATION OF THE EFFECTS OF TEST ANXIETY ON COGNITIVE PROCESSES.
BR-5-0252 ED 020 549

APPLIED LINGUISTICS

THE CURRENT DISCREPANCY BETWEEN THEORETICAL AND APPLIED LINGUISTICS.
ED 020 513

A LANGUAGE UNIT IN THE JUNIOR HIGH SCHOOL.
ED 020 930

ARCHITECTURAL ELEMENTS

DEVELOPMENT PROSPECTUS. THE ART OF THE POSSIBLE.
ED 020 634

AREA STUDIES

TEACHING STRATEGIES FOR MIDDLE EASTERN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 935

AREA VOCATIONAL SCHOOLS

A MODEL VOCATIONAL EDUCATION PROGRAM FOR THE SLOW LEARNER.
ED 021 046

AN OPERATIONS RESEARCH MODEL FOR LOCATING AREA VOCATIONAL SCHOOLS.
ED 021 052

A PRE-TECHNICAL PROGRAM FOR GEORGIA'S AREA VOCATIONAL-TECHNICAL SCHOOLS, A REPORT ON A PILOT PROGRAM.
ED 021 134

ARITHMETIC

LINEAR STRUCTURAL MODELS FOR RESPONSE AND LATENCY PERFORMANCE IN ARITHMETIC. PSYCHOLOGY SERIES, TECHNICAL REPORT NO. 100.
ED 020 683

AGE OF ENTRANCE INTO THE FIRST GRADE AS RELATED TO ARITHMETIC ACHIEVEMENT.
ED 020 801

SETS, SUB-SETS AND OPERATIONS.
ED 020 885

PER CENT FRACTIONS.
ED 020 886

MANEUVERS ON A GEO-BOARD.
ED 020 887

THE MATH GO-ROUND, A UNIT OF MATHASBORG.
ED 020 888

VOLUME AND SURFACE AREA.
ED 020 889

METRIC GEOMETRY LINEAR MEASURE.
ED 020 890

IDEAS FROM NUMBER THEORY.
ED 020 891

METRIC GEOMETRY, CONCEPTS OF AREA MEASURE.
ED 020 892

DIVISIBILITY TESTS.
ED 020 893

CURVES, VERTICES, KNOTS AND SUCH.
ED 020 894

ANGLES, MEASURES.
ED 020 895

ACTION WITH FRACTIONS, ADDITION AND SUBTRACTION.
ED 020 897

ART

UNDERSTANDING CHILDREN'S ART FOR BETTER TEACHING.
ED 020 604

ART ACTIVITIES

AN EXPLORATION OF THE USES OF RHYTHMIC MOVEMENT TO DEVELOP AESTHETIC CONCEPTS IN THE PRIMARY GRADES.
CRP-S-416 ED 020 770

ART APPRECIATION

A DEVELOPMENTAL CONFERENCE TO ESTABLISH GUIDELINES FOR PILOT PROGRAMS FOR TEACHING THE CONCEPTS OF ART APPRECIATION WHICH ARE BASIC IN THE GENERAL EDUCATION OF ALL PUBLIC SCHOOL STUDENTS. FINAL REPORT.
BR-6-1180 ED 020 937

ART EDUCATION

AN EXPLORATION OF THE USES OF RHYTHMIC MOVEMENT TO DEVELOP AESTHETIC CONCEPTS IN THE PRIMARY GRADES.
CRP-S-416 ED 020 770

A DEVELOPMENTAL CONFERENCE TO ESTABLISH GUIDELINES FOR PILOT PROGRAMS FOR TEACHING THE CONCEPTS OF ART APPRECIATION WHICH ARE BASIC IN THE GENERAL EDUCATION OF ALL PUBLIC SCHOOL STUDENTS. FINAL REPORT.
BR-6-1180 ED 020 937

ASIAN HISTORY

TEACHING STRATEGIES FOR ASIAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 936

ASSOCIATE DEGREES

ASSOCIATE IN ARTS DEGREE PROGRAM FOR ADULTS.
ED 020 732

ASSOCIATION (PSYCHOLOGICAL)

SECONDARY ONOMATOPOEIA IN RUSSIAN (PRELIMINARY REPORT).
ED 020 501

ASSOCIATION TESTS

HEAD START EVALUATION AND RESEARCH CENTER, TULANE UNIVERSITY. FINAL REPORT. (TITLE SUPPLIED).
IED-66-1-13 ED 020 782

ATTITUDES

A RESTUDY OF THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-582 ED 020 824

THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-525 ED 020 836

AUDIOLINGUAL METHODS

RUNNING A LANGUAGE LABORATORY.
ED 020 505

HOW DO WE BREAK THE LOCKSTEP. VARIATIONS IN CLASS SIZE AS APPLIED TO LANGUAGE TEACHING.
ED 020 690

DIFFICULTIES ASSOCIATED WITH RESEARCH ON FOREIGN LANGUAGE LEARNING.
ED 020 694

LANGUAGE AND LANGUAGE LEARNING, THEORY AND PRACTICE. SECOND EDITION.
ED 020 698

WHAT DO WE KNOW ABOUT FOREIGN LANGUAGE INSTRUCTION.
TEA-BULL-621 ED 020 700

AUDIOLINGUAL SKILLS

SYSTEMATISCHER AUSSPRACHEUNTERRICHT IM SPRACHLABORATORIUM (SYSTEMATIC PRONUNCIATION INSTRUCTION IN THE LANGUAGE LABORATORY).
ED 020 693

AUDIOVISUAL AIDS

EXPLORATION OF THE UTILIZATION OF PERSONNEL IN THE SUPERVISION OF STUDENT TEACHERS WHEN FEEDBACK VIA FILMS AND SYSTEMS FOR THE ANALYSIS OF TEACHING ARE INTRODUCED INTO THE STUDENT TEACHING PROGRAM. FINAL REPORT.
BR-5-1079 ED 020 575

PRODUCTION AND USE OF SINGLE CONCEPT FILMS IN PHYSICS TEACHING.
ED 020 917

AUDIOVISUAL INSTRUCTION

INDEX TO 35MM EDUCATIONAL FILMSTRIPS.
ED 020 678

AUDITORIUMS

SCHOOL LIGHTING
ED 020 628

AIR DISTRIBUTION NOISE CONTROL IN CRITICAL AUDITORIUMS.
ED 020 645

AUDITORY DISCRIMINATION

EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION. PROGRESS REPORT NO. 1, FEBRUARY 1–SEPTEMBER 1, 1961.
ORAP-04411-1-P ED 020 498

AUDITORY TRAINING

RESEARCH BULLETIN. NUMBER 4.
ED 020 612

AURALLY HANDICAPPED

OUR FIRST 100 YEARS, HIGHLIGHTS OF CENTENNIAL TEACHERS INSTITUTE (MARYLAND SCHOOL FOR THE DEAF, FREDERICK, MARYLAND, MARCH 7-8, 1968).
ED 020 607

SENSORINEURAL HEARING PROCESSES AND DISORDERS, HENRY FORD HOSPTIAL INTERNATIONAL SYMPOSIUM (DETROIT, MICHIGAN, MARCH 25-27, 1965).
ED 020 608

AUTO MECHANICS (CCUPATION)

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT V, AUTOMATIC TRANSMISSIONS–TORQUE CONVERTER.
AM-2-5 ED 021 106

AUTO MECHANICS (OCCUPATION

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VIII, AUTOMATIC TRANSMISSIONS–ALLISON TORQUMATIC SERIES 5960, 6060, AND 8860 (PART II).
AM-2-8 ED 021 109

AUTO MECHANICS (OCCUPATION)

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT I, GENERAL INTRODUCTION TO DIESEL ENGINES.
PTAM-1-1 ED 021 072

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT II, MAINTAINING THE AIR SYSTEM–DETROIT DIESEL ENGINES.
PTAM-1-2 ED 021 073

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT III, MAINTAINING THE FUEL SYSTEM–DETROIT DIESEL ENGINE.
PTAM-1-3 ED 021 074

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IV, MAINTAINING THE COOLING SYSTEM–DETROIT DIESEL ENGINES.
PTAM-1-4 ED 021 075

AUTOMOTIVE DIESEL MAINTENANCE, UNIT V, MAINTAINING THE LUBRICATION SYSTEM–DETROIT DIESEL ENGINE.
PTAM-1-5 ED 021 076

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VI, MAINTAINING MECHANICAL GOVERNORS–DETROIT DIESEL ENGINES.
PTAM-1-6 ED 021 077

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VII, ENGINE TUNE-UP–DETROIT DIESEL ENGINE.
PTAM-1-7 ED 021 078

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VIII. ENGINE COMPONENTS–PART I.
AM-1-8 ED 021 079

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IX, ENGINE COMPONENTS.
AM-1-9 ED 021 080

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT X, USE OF MEASURING TOOLS IN DIESEL MAINTENANCE.
AM-1-10 ED 021 081

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XI, PART I–MAINTAINING THE FUEL SYSTEM (PART I), CUMMINS DIESEL ENGINES, PART II--UNIT REPLACEMENT (ENGINE).
AM-1-11 ED 021 082

AUTOMOTIVE DIESEL MAINTENANCE L. UNIT XII, PART I–MAINTAINING THE FUEL SYSTEM (PART II), CUMMINS DIESEL ENGINE, PART II--UNIT INSTALLATION (ENGINE).
AM-1-12 ED 021 083

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIII, I–MAINTAINING THE FUEL SYSTEM (PART III), CUMMINS DIESEL ENGINES, II–RADIATOR SHUTTER SYSTEM.
AM-1-13 ED 021 084

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIV, I–MAINTAINING THE AIR SYSTEM, CUMMINS DIESEL ENGINE, II–UNIT REMOVAL–TRANSMISSION.
AM-1-14 ED 021 085

AUTOMOTIVE DIESEL MAINTENACE 1. UNIT XV, I–MAINTAINING THE COOLING SYSTEM, CUMMINS DIESEL ENGINE, I–UNIT INSTALLATION–TRANSMISSION.
AM-1-15 ED 021 086

AUTOMOTIVE DIESEL MAINTENANCE 1, UNIT XVI, I–USE AND CARE OF SMALL HAND TOOLS, II–PRINCIPLES OF THE POWER DIVIDER.
AM-1-16 ED 021 087

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVII, I–MAINTAINING THE LUBRICATION SYSTEM–CUMMINS DIESEL ENGINE, II–UNIT INSTALLATION AND REMOVAL–DRIVE LINES.
AM-1-17 ED 021 088

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVIII, I–UNDERSTAND ENGINE GEARS AND GEARING PRINCIPLES, II–MACK INTER-AXLE POWER DIVIDER.
AM-1-18 ED 021 089

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIX, I–ENGINE TUNE-UP–CUMMINS DIESEL ENGINE, II–FRONT END SUSPENSION AND AXLES.
AM-1-19 ED 021 090

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XX, CUMMINS DIESEL ENGINE, MAINTENANCE SUMMARY.
AM-1-20 ED 021 091

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXI, I–MAINTAINING THE AIR SYSTEM–CATERPILLAR DIESEL ENGINE, II–UNDERSTANDING REAR END SUSPENSION.
AM-1-21 ED 021 092

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXII, I–MAINTAINING THE FUEL SYSTEM (PART I)–CUMMINS DIESEL ENGINE, II–UNDERSTANDING THE DIFFERENTIAL.
AM-1-22 ED 021 093

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIII, I–MAINTAINING THE FUEL SYSTEM, PART II–CATERPILLAR DIESEL ENGINE, II–UNDERSTANDING STEERING SYSTEMS.
AM-1-23 ED 021 094

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIV, I–MAINTAINING THE FUEL SYSTEM PART III–CATERPILLAR DIESEL ENGINE, II–UNDERSTANDING THE VOLTAGE REGULATOR/ALTERNATOR.
AM-1-24 ED 021 095

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXV, I–CATERPILLAR DIESEL ENGINE COOLING SYSTEM D-8 AND 824 MODELS, II–TIRES AND TIRE HARDWARE.
AM-1-25 ED 021 096

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVI, I–CATERPILLAR LUBRICATION SYSTEMS AND COMPONENTS, II–LEARNING ABOUT BRAKES (PART I).
AM-1-26 ED 021 097

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVII, I–CATERPILLAR STARTING (PONEY) ENGINE (PART I), II–LEARNING ABOUT BRAKES (PART II).
AM-1-27 ED 021 098

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVIII, I–CATERPILLAR STARTING (PONEY) ENGINE (PART II), II–UNDERSTANDING MORE ABOUT STARTING DEVICES.
AM-1-28 ED 021 099

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIX, REVIEWING THE CONSTRUCTION OF ENGINE COMPONENTS.
AM-1-29 ED 021 100

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXX, I–CATERPILLAR DIESEL ENGINE MAINTENANCE SUMMARY, II–REIEWING FACTS ABOUT ALTERNATORS.
AM-1-30 ED 021 101

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT I, UNDERSTANDING MECHANICAL CLUTCHES.
AM-2-1 ED 021 102

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT II, MECHANICAL TRANSMISSIONS.
AM-2-2 ED 021 103

AUTOMOTIVE DIESEL MAINTENANCE 2 UNIT IV, AUTOMATIC TRANSMISSIONS–HYDRAULICS (PART II).
AM-2-4 ED 021 104

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT III, AUTOMATIC TRANSMISSIONS–HYDRAULICS (PART I).
AM-2-3 ED 021 105

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VI, AUTOMATIC TRANSMISSIONS–PLANETARY GEARING.
AM-2-6 ED 021 107

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VII, AUTOMATIC TRANSMISSIONS–ALLISON, TORQUMATIC SERIES 5960 AND 6060 (PART I).
AM-2-7 ED 021 108

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT IX, AUTOMATIC TRANSMISSIONS–HYDRAULIC SYSTEM (PART I).
AM-2-9 ED 021 110

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT X, AUTOMATIC TRANSMISSIONS–HYDRAULIC SYSTEMS (PART II).

AM-2-10 ED 021 111

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XI, INTRODUCTION TO ELECTRICAL MAINTENANCE FOR OFF-HIGHWAY VEHICLES.
AM-2-11 ED 021 112

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XII, LEARNING ABOUT BATTERY SERVICING AND TESTING (PART I).
AM-2-12 ED 021 113

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIII, BATTERY SERVICE AND TESTING PROCEDURES--PART II.
AM-2-13 ED 021 114

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIV, UNDERSTANDING DC GENERATOR PRINCIPLES.
AM-2-14 ED 021 115

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XV, UNDERSTANDING DC GENERATOR PRINCIPLES (PART II).
AM-2-15 ED 021 116

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVI, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART I).
AM-2-16 ED 021 117

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVII, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART II).
AM-2-17 ED 021 118

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVIII, ALTERNATOR AND REGULATOR SERVICING AND TESTING, AND AN INTRODUCTION TO TRANSISTOR REGULATORS.
AM-2-18 ED 021 119

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIX, LEARNING ABOUT CRANKING MOTORS.
AM-2-19 ED 021 120

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XX, TROUBLESHOOTING ELECTRICAL SYSTEMS.
AM-2-20 ED 021 121

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXI, MICHIGAN/CLARK TRANSMISSION--COMPLETE POWER TRAIN.
AM-2-21 ED 021 122

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXII, MICHIGAN/CLARK TRANSMISSION--CONVERTER/TRANSMISSION.
AM-2-22 ED 021 123

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIII, MICHIGAN/CLARK TRANSMISSION--HYDRAULIC SHIFT.
AM-2-23 ED 021 124

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIV, MICHIGAN/CLARK TRANSMISSION--OIL FLOW THROUGH THE CONTROL COVER ASSEMBLY.
AM-2-24 ED 021 125

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXV, MICHIGAN/CLARK TRANSMISSION--TROUBLESHOOTING.
AM-2-25 ED 021 126

AUTOMOTIVE DIESEL MAINTENANCE. PROGRAM OUTLINE.
ED 021 149

AUTOINSTRUCTIONAL AIDS

THE DEVELOPMENT AND TESTING OF AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO HELP STUDENTS ACQUIRE BASIC ELECTRICAL OCCUPATIONAL COMPETENCIES. FINAL REPORT NO. 19.
BR-7-0031 ED 021 141

AUTOINSTRUCTIONAL PROGRAMS

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME ONE, LEARNER'S HANDBOOK.
ED 020 523

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME TWO, SCRIPTS OF ALL AUDIO PROGRAMS.
ED 020 524

HOW DO WE BREAK THE LOCKSTEP. VARIATIONS IN CLASS SIZE AS APPLIED TO LANGUAGE TEACHING.
ED 020 690

AUTOMATION

A COMPUTER-BASED LABORATORY FOR AUTOMATION IN SCHOOL SYSTEMS.
SP-256-000-01 ED 020 684

PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
ED 020 760

BASIC READING

A TEACHER'S GUIDE TO CONTINUOUS PROGRESS IN READING INSTRUCTION, 1967.
TITLE-3-DPSC-67-3068 ED 020 856

ECLECTIC READING INSTRUCTION FOR PRIMARY GRADE SUCCESS.
ED 020 869

BEGINNING READING

GRADE EQUIVALENT COMPARISONS BETWEEN DISADVANTAGED NEGRO URBAN CHILDREN WITH AND WITHOUT KINDERGARTEN EXPERIENCE WHEN TAUGHT TO READ BY SEVERAL METHODS.
ED 020 798

TEACHING BEGINNING READERS TO DISTINGUISH BETWEEN SIMILAR LETTERS OF THE ALPHABET. FINAL REPORT.
BR-6-1655 ED 020 860

THE IMPACT OF PL 89-10 TITLE I ACTIVITIES ON THE READING COMPETENCE OF ELEMENTARY AND SECONDARY SCHOOL LEARNERS. FINAL REPORT.
OE-6-99-162 ED 020 862

EXPERIMENTS IN KINDERGARTEN READING.
BR-6-2865 ED 020 873

BEGINNING TEACHERS

A GUIDE FOR BEGINNING TEACHERS OF READING, GRADES 1-4.
CB-5 ED 020 858

BEHAVIOR

ADAPTATION AND ADAPTABILITY, THE BELLEFAIRE FOLLOWUP STUDY.
ED 020 595

HIGH SCHOOL STUDENTS WHO LATER BECAME SCHIZOPHRENIC.
CSDE-BULL-29-8 ED 020 596

A STUDY OF THE EFFECTS OF TWO EXPERIMENTAL CURRICULUM UNITS ON THE SOCIAL PERCEPTION AND OCCUPATIONAL READINESS OF EDUCABLE MENTALLY RETARDED ADOLESCENTS.
BR-6-8926 ED 020 599

A REPORT ON CONTINGENCY MANAGEMENT OF VERBAL BEHAVIOR.
BR-6-1784 ED 020 610

ENVIRONMENTAL ABSTRACTS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 1.
SER-1 ED 020 629

BEHAVIOR CHANGE

EFFECTS OF MANAGEMENT DEVELOPMENT ON MANAGER BEHAVIOR AND SUBORDINATE PERCEPTION.
ED 020 466

THE ENTRY INTO NATURAL COMMUNITIES OF REINFORCEMENT.
ED 020 533

BEHAVIOR PATTERNS

RURAL LIFE AND URBANIZED SOCIETY.
ED 020 852

BEHAVIOR PROBLEMS

DIMENSIONS OF PROBLEM BEHAVIOR IN THE ELEMENTARY SCHOOL.
ED 020 558

BEHAVIORAL SCIENCE RESEARCH

RESPONSE TO VARYING LEVELS OF CONDITIONING REWARDS. FINAL REPORT.
BR-6-1625 ED 020 803

BEHAVIORAL SCIENCES

HANDBOOK OF INFORMATION SOURCES IN EDUCATION AND THE BEHAVIORAL SCIENCES.
BR-7-1038 ED 020 447

EDUCATIONAL ADMINISTRATOR TRAINING FOR THE MULTI-CULTURAL COMMUNITY. FINAL REPORT FOR THE NATIONAL INSTITUTE OF MENTAL HEALTH.
ED 020 577

BIBLIOGRAPHIES

SURVEY OF MATERIALS IN THE NEGLECTED LANGUAGES, PART I (PRELIMINARY EDITION).
BR-7-0929 ED 020 510

PLANNED CHANGE--A SELECTED BIBLIOGRAPHY.
BR-5-0993 ED 020 569

REFERENCES ON NETWORK PLANNING IN EDUCATION, RESEARCH MANAGEMENT, PROJECT SELECTION, AND PROGRAM MANAGEMENT. (TITLE SUPPLIED).
ED 020 580

FIVE-FOOT SHELF BIBLIOGRAPHY ON NEW MEDIA AND INSTRUCTIONAL TECHNOLOGY.
ED 020 650

A BIBLIOGRAPHY OF EDUCATIONAL TELEVISION AND RELATED COMMUNICATION SYSTEMS.
ED 020 652

COMMUNITY JUNIOR COLLEGE, A BIBLIOGRAPHY.
ED 020 724

BIBLIOGRAPHY OF PAPERS COVERING WORK UNDER OEO CONTRACT NUMBER 510. FINAL REPORT. (TITLE SUPPLIED).
OEO-510 ED 020 773

SELECTED REFERENCES ON MIGRANT CHILDREN'S EDUCATION.
ED 020 809

REFERENCE ENCYCLOPEDIA OF THE AMERICAN INDIAN.
ED 020 853

A CITATION BIBLIOGRAPHY OF SELECTED SOURCES ON DYSLEXIA AND LEARNING DISABILITIES.
ERIC-CRIER-VOL-1-BIBLIOGR-9 ED 020 865

READABILITY AND READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-10 ED 020 875

SPEED READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-14 ED 020 879

INDEX OF SELECTED OUTDOOR RECREATION LITERATURE.
ED 020 905

SCIENCE POLICY BULLETIN NUMBER 5.
ED 020 914

BIBLIOTHERAPY
BIBLIOTHERAPY–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-16 ED 020 874

BILINGUAL EDUCATION
BASIC EDUCATION FOR SPANISH-SPEAKING DISADVANTAGED PUPILS.
ED 020 497

THE LINGUA PLAN.
GRN-0-301 ED 020 504

BILINGUAL STUDENTS
BASIC EDUCATION FOR SPANISH-SPEAKING DISADVANTAGED PUPILS.
ED 020 497

EXPERIMENTS IN KINDERGARTEN READING.
BR-6-2965 ED 020 873

BILINGUALISM
THE CONSEQUENCES OF EARLY BILINGUALISM IN COGNITIVE DEVELOPMENT AND PERSONALITY FORMATION.
ED 020 491

IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).
ED 020 819

BIOGRAPHIES
REFERENCE ENCYCLOPEDIA OF THE AMERICAN INDIAN.
ED 020 853

BIOLOGICAL SCIENCES
SOURCE MATERIALS FOR GENERAL AND HUMAN BIOLOGY. FINAL REPORT.
BR-5-1189 ED 020 913

BIOLOGY
THE DEVELOPMENT OF DIFFERENTIATED CURRICULA FOR ABILITY GROUPED BIOLOGY CLASSES, INCLUDING TEACHER TRAINING AND PROGRAM EVALUATION.
ED 020 882

TEACHING SCIENCE TO THE DISADVANTAGED PUPIL.
ED 020 952

BIOLOGY INSTRUCTION
A STUDY OF THE RELATIVE EFFECTIVENESS OF VARIED VISUAL ILLUSTRATIONS. FINAL REPORT.
BR-6-8840 ED 020 658

BOARD OF EDUCATION POLICY
FOR EVERY CHILD, THE STORY OF INTEGRATION IN THE PHILADELPHIA PUBLIC SCHOOLS.
ED 020 951

BOARDS OF EDUCATION
TEACHER-BOARD AGREEMENTS CONCERNING CONDITIONS OF WORK.
R-BULL-29 ED 020 568

BRAILLE
RESEARCH BULLETIN. NUMBER 14.
ED 020 592

BRANCHING
A COMPARISON OF LINEAR AND BRANCHING TECHNIQUES OF PROGRAMED INSTRUCTION IN PLANE GEOMETRY. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 1.
NDEA-7A-806 ED 020 677

BROADCAST INDUSTRY
ELEVENTH REPORT OF THE STANDING COMMITTEE ON BROADCASTING, FILMS AND ASSISTANCE TO THE ARTS.
R-11 ED 020 458

BROADCAST TELEVISION
A BIBLIOGRAPHY OF EDUCATIONAL TELEVISION AND RELATED COMMUNICATION SYSTEMS.
ED 020 652

BUILDING DESIGN
A FACULTY OFFICE STUDY. DESIGN AND EVALUATION.
ED 020 622

COLOR PLANNING FOR HOSPITALS AND SCHOOLS.
ED 020 623

DESIGN AND CONSTRUCTION OF SCHOOL BUILDINGS. PROCEEDINGS, ASSOCIATION OF SCHOOL BUSINESS OFFICIALS OF THE UNITED STATES AND CANADA, ANNUAL MEETING AND EDUCATIONAL EXHIBIT, (50TH SAN FRANCISCO, CALIFORNIA, OCTOBER 71-22, 1964).
ED 020 624

PROCEDURE FOR REQUESTING APPROVAL OF SCHOOL BUILDING PROJECTS.
BSC-413-REV ED 020 646

BUREAUCRACY
DECENTRALIZATION AND URBAN SCHOOLS.
ED 020 959

BUSINESS
THE INTERESTS IN MANAGEMENT CONFERENCES AT EAST TENNESSEE STATE UNIVERSITY AMONG BUSINESS OWNERS AND MANAGERS.
ED 020 485

BUSINESS EDUCATION
A STUDY OF THE BUSINESS AND INDUSTRIAL MANAGEMENT PROGRAMS AT COLLEGE OF SAN MATEO.
CSM-RR-1968-3 ED 020 740

OPINION OF EDUCATORS ON BLOCK-TIME VOCATIONAL BUSINESS AND OFFICE PRACTICE CLASSES. FINAL REPORT.
BR-6-3046 ED 021 136

CAMPUS PLANNING
SELECTED REFERENCES FOR PLANNING HIGHER EDUCATION FACILITIES.
ED 020 633

DEVELOPMENT PROSPECTUS. THE ART OF THE POSSIBLE.
ED 020 634

A COMPREHENSIVE STUDY FOR THE MASTER DEVELOPMENT PLAN, POLK JUNIOR COLLEGE, WINTER HAVEN, FLORIDA.
ED 020 635

LONG RANGE DEVELOPMENT PLAN FOR HONOLULU COMMUNITY COLLEGE.
PROJ-1811-01 ED 020 643

HOW TO ADAPT A CAMPUS FOR THE HANDICAPPED. STUDENTS ON WHEELS.
ED 020 648

REPORT OF STUDY COMMITTEE I-C, AREA POSTSECONDARY INSTITUTIONS– COMMUNITY COLLEGES.
ED 020 731

PARKING FACILITY PROJECTIONS BASED ON THE 1968 STUDENT PARKING SURVEY.
ED 020 743

CAPITAL OUTLAY (FOR FIXED ASSESTS)
STUDY OF FEASIBILITY OF NEW EDUCATIONAL MEDIA FOR DEVELOPING COUNTRIES.
ED 020 685

CAREER PLANNING
SOCIAL CHARACTERISTICS OF HIGH SCHOOL STUDENTS PLANNING TO PURSUE POST HIGH SCHOOL VOCATIONAL TRAINING. FINAL REPORT NO. 17.
BR-7-0031 ED 021 148

CASE RECORDS
THE IMPORTANCE OF MAINTAINING LONG-TERM TREATMENT SERVICES FOR THE ECONOMICALLY DEPRIVED FAMILY.
ED 020 542

CASE STUDIES (EDUCATION)
A "SYSTEMS" APPROACH TO THE "SCHOOL UNDERACHIEVER."
ED 020 545

CATHOLIC EDUCATORS
THE RURAL FAMILY IN 1965.
ED 020 841

CATLOGS
THE EFFECT OF ARRANGEMENT ON THE USE OF LIBRARY CATALOGS–AN EXPERIMENTAL STUDY OF A DIVIDED AND A DICTIONARY CATALOG. FINAL REPORT.
BR-7-E-014 ED 020 767

CAUCASIANS
PREJUDICE AND YOUR CHILD. 2D ED.
ED 020 949

CELL THEORY
AN INVESTIGATION INTO THE RELATIONSHIP BETWEEN CONCEPT ATTAINMENT AND LEVEL OF MATURITY.
BR-5-0216 ED 020 912

CENSORSHIP
CENSORSHIP OF LIBRARY BOOKS AND TEXTBOOKS IN AMERICAN SCHOOLS.
ED 020 923

OBSCENITY, THE LAW AND THE ENGLISH TEACHER–TWO PAPERS.
ED 020 929

CHANGE AGENTS
EDUCATIONAL ADMINISTRATOR TRAINING FOR THE MULTI-CULTURAL COMMUNITY. FINAL REPORT FOR THE NATIONAL INSTITUTE OF MENTAL HEALTH.
ED 020 577

THE EFFECTS OF NATIONAL SCIENTIFIC STYLE ON THE UNDERSTANDING OF SCIENTIFIC INNOVATION–SPECIAL RELATIVITY, A CASE HISTORY. FINAL REPORT.
BR-5-8280 ED 020 918

CHANGING ATTITUDES
THE CINCINNATI POLICE-JUVENILE ATTITUDE PROJECT, POLICE-TEACHER CURRICULUM DEVELOPMENT FOR IMPROVING POLICE JUVENILE RELATIONS. FINAL REPORT.
ED 020 469

EFFECTIVENESS OF FILM IN CHANGING PARENTAL ATTITUDES. FINAL REPORT.
BR-6-1638 ED 020 659

CHARTS
GUIDELINES FOR THE EDUCATION OF MIGRANT CHILDREN AS AUTHORIZED UNDER PUBLIC LAW 89-750, TITLE I, ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965.
ED 020 851

CHEMISTRY
DEVELOPMENT OF A MULTI-COORDINATE VOCABULARY, CHEMICAL PHYSICS.

ED 020 904

THE RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION IN TEACHING THE CLASSIFICATIONAL CONCEPTS OF PHYSICAL AND CHEMICAL CHANGE TO ELEMENTARY SCHOOL CHILDREN.
BR-5-0216 ED 020 908

SELECTED PAPERS FROM REGIONAL CONFERENCES 1966-67.
AC3-PUB-NO-35 ED 020 915

CHILD CARE WORKERS
A SURVEY AND ANALYSIS OF MAJOR TASKS, KNOWLEDGES ASSOCIATED WITH WORK IN CHILD CARE OCCUPATIONS. FINAL REPORT.
BR-7-0031 ED 021 066

CHILD DEVELOPMENT
THE INSUFFICIENCY OF THE TRANSFORMATIONAL APPROACH TO CHILD LANGUAGE.
ED 020 509

PROGRESS IN LEARNING DISABILITIES. VOLUME I.
ED 020 605

AGE OF ENTRANCE INTO THE FIRST GRADE AS RELATED TO ARITHMETIC ACHIEVEMENT.
ED 020 801

ASSESSMENT OF CHILDREN PARTICIPATING IN A COMPREHENSIVE ATTACK ON FAMILIAL POVERTY.
ED 020 998

A GUIDE FOR TEACHING CHILD DEVELOPMENT, A BOOK OF TEACHING PLANS.
ED 021 054

CHILD REARING
CHILD REARING IN CALIFORNIA, A STUDY OF MOTHERS WITH YOUNG CHILDREN.
ED 020 783

CHILDHOOD ATTITUDES
EAU CLAIRE COUNTY STUDY, PHASE II 1964-65.
NIMH-GNO-2-R11-672-04 ED 020 812

CHILDHOOD NEEDS
FREEDOM TO MOVE.
ED 020 778

CHINESE
CHINESE LANGUAGE TEACHING IN THE UNITED STATES--THE STATE OF THE ART.
ED 020 525

CHINESE CULTURE
SUGGESTED READINGS IN THE LITERATURES OF AFRICA, CHINA, INDIA, JAPAN. CURRICULUM BULLETIN, 1967-68 SERIES.
BULL-13 ED 020 919

CHORAL MUSIC
SUGGESTED GUIDELINES FOR THE JUNIOR COLLEGE CHORAL PROGRAM AS PREPARED BY THE ACDA COMMITTEE ON JUNIOR COLLEGE CHORAL PROBLEMS.
ECC-68-3 ED 020 723

CHORUS
SUGGESTED GUIDELINES FOR THE JUNIOR COLLEGE CHORAL PROGRAM AS PREPARED BY THE ACDA COMMITTEE ON JUNIOR COLLEGE CHORAL PROBLEMS.
ECC-68-3 ED 020 723

CITIZENSHIP RESPONSIBILITY
BEAR SOMETHING AWAY.
ED 020 993

CITY DEMOGRAPHY
CITIES ARE CHANGING.
ED 020 963

CITY GOVERNMENT
RESTRUCTURING CITY GOVERNMENT, THREE PROPOSALS FOR HUMAN SERVICES.
ED 020 995

CITY PROBLEMS
CITIES ARE CHANGING.
ED 020 963

CIVIL ENGINEERING
CIVIL ENGINEERING TECHNOLOGY CONSULTANTS' WORKSHOP, REPORT OF PROCEEDINGS (ATLANTA, MAY 17-20, 1967).
ED 020 729

CIVIL RIGHTS
HOW PARENTS VIEW URBAN EDUCATION.
ED 020 964

BEAR SOMETHING AWAY.
ED 020 993

WHAT CAN THE SCHOOL SAY ABOUT HUMAN RIGHTS.
ED 021 008

EDUCATION'S STAKE IN THE CIVIL RIGHTS MOVEMENT, A PERSONAL TESTIMONIAL AND PLAN TO COLLEAGUES.
ED 021 011

CIVIL RIGHTS LEGISLATION
DESEGREGATION, A NEW APPROACH, A NEW DEADLINE.
ED 020 966

LAW, VOL. 1, NO. 1, JANUARY, 1966.
ED 021 002

CLASS MANAGEMENT
SCHOOLS AS ORGANIZATIONS--SOME ILLUSTRATED STRATEGIES FOR EDUCATIONAL RESEARCH AND PRACTICE.
ED 020 565

THE TEACHER SUBCULTURE AND CURRICULUM CHANGE.
ED 020 588

CLASS ORGANIZATION
EDUCATION FOR INITIATIVE AND RESPONSIBILITY, COMMENTS ON A VISIT TO THE SCHOOLS OF LEICESTERSHIRE COUNTY, APRIL 1967. SECOND EDITION.
ED 020 795

CLASSROOM ORGANIZATION FOR READING INSTRUCTION--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-6 ED 020 878

CLASS SIZE
LARGE LECTURE SECTION QUESTIONNAIRE. SUMMARY OF RESPONSES.
ED 020 640

CLASSIFICATION
COMPUTER-AIDED INDEXING OF A SCIENTIFIC ABSTRACTS JOURNAL BY THE UDC WITH UNIDEK--A CASE STUDY.
AIP/UDC-4 ED 020 749

CLASSROOM ENVIRONMENT
EDUCATION, CHILDREN AND COMFORT.
ED 020 644

CLEARINGHOUSES
EVALUATION OF ERIC, JUNE 1968.
ED 020 449

ERIC--DEVELOPMENT THROUGH JUNE, 1968.
ED 020 450

CLERGYMEN
ADULT LEARNING SEMINAR, PROCEEDINGS (SYRACUSE UNIVERSITY, NEW YORK, JUNE 12-16, 19670.
ED 020 482

CLERICAL WORKERS
NEW SPEECH PATTERNS IN THE FRENCH QUARTER.
ED 020 981

CLOSED CIRCUIT TELEVISION
USE OF CLOSED CIRCUIT TELEVISION IN TEACHER EDUCATION, RELATIONSHIP TO ACHIEVEMENT AND SUBJECT MATTER UNDERSTANDING.
ED 020 473

A FACT SHEET CONCERNING CLOSED CIRCUIT INSTRUCTIONAL TELEVISION FOR ENGLISH LANGUAGE TEACHING.
ED 020 490

THE USE OF CLOSED CIRCUIT TELEVISION IN TECHNICAL EDUCATION, REPORT OF THE EUROPEAN SEMINAR (SERAING, BELGIUM, APRIL 1965).
ED 020 656

CLOTHING INSTRUCTION
TEACHING-LEARNING UNITS IN CLOTHING AND TEXTILES.
ED 021 053

COGNITIVE ABILITY
AN ANALYSIS OF A CLASS OF PROBLEM SOLVING BEHAVIOR. FINAL REPORT.
BR-5-0314 ED 020 776

HEAD START RESEARCH AND EVALUATION OFFICE, UNIVERSITY OF CALIFORNIA AT LOS ANGELES. APPENDIX I TO THE ANNUAL REPORT, NOVEMBER 1967.
IED-1-66-12 ED 020 793

COGNITIVE DEVELOPMENT
THE CONSEQUENCES OF EARLY BILINGUALISM IN COGNITIVE DEVELOPMENT AND PERSONALITY FORMATION.
ED 020 491

CULTURAL AND SOCIOLOGICAL FACTORS RELATING TO LEARNING DEVELOPMENT. FINAL REPORT.
BR-6-8636 ED 020 550

REGIONAL EVALUATION AND RESEARCH CENTER FOR PROJECT HEAD START, SUPPLEMENTARY RESEARCH REPORT, SEPTEMBER 1, 1967-DECEMBER 31, 1967.
IED-66-1-11 ED 020 791

INFLUENCES OF CULTURAL PATTERNS ON THE THINKING OF CHILDREN IN CERTAIN ETHNIC GROUPS, A STUDY OF THE EFFECT OF JEWISH SUB-CULTURE ON THE FIELD-DEPENDENCE-INDEPENDENCE DIMENSION OF COGNITION.
ED 020 796

COGNITIVE PROCESSES
A PARADIGM FOR EXPERIMENTAL MODIFICATION OF THE EFFECTS OF TEST ANXIETY ON COGNITIVE PROCESSES.
BR-5-0252 ED 020 549

COGNITIVE PROCESSES IN THE DEVELOPMENT OF CHILDREN'S APPRECIATION OF HUMOR.
ED 020 784

COGNITIVE TESTS
TESTING FOR CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 906

COLLECTIVE NEGOTIATION
TEACHER-BOARD AGREEMENTS CONCERNING CONDITIONS OF WORK.
R-BULL-29 ED 020 568

COLLEGE ADMISSION
HIGH RISK.
ED 020 985

COLLEGE CREDITS

FLORIDA JUNIOR COLLEGE JOURNALISM CURRICULA, A REPORT.
ED 020 725

COLLEGE CURRICULUM

ASSOCIATE IN ARTS DEGREE PROGRAM FOR ADULTS.
ED 020 732

SURVEY OF COMMERCIAL ARTS CURRICULUM. FINAL REPORT.
BR-6-3046 ED 021 042

COLLEGE ENTRANCE EXAMINATIONS

A COMPARISON OF A.C.T. SCORES OF TECHNOLOGY STUDENTS OF GLENDALE COMMUNITY COLLEGE WITH THE COLLEGE POPULATION IN GENERAL.
GCC-DSR-G-O-66-3 ED 020 728

COLLEGE FACULTY

ACADEMIC RANK CRITERIA IN AMERICAN JUNIOR COLLEGES.
ECC-65-24 ED 020 719

IN-SERVICE EDUCATION WITH RECOMMENDATIONS CONCERNING ITS IMPLEMENTATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-7 ED 020 721

COLLEGE FRESHMAN

FRESHMAN ENGLISH AT THE UNIVERSITY OF TULSA, COLUMBIA BASIN COLLEGE, AND WESTERN STATE COLLEGE OF COLORADO.
ED 020 943

COLLEGE FRESHMEN

COLLEGE PROGRAMS IN FRESHMAN COMPOSITION.
ED 020 939

FRESHMAN ENGLISH AT THE STATE UNIVERSITY OF NEW YORK, BUFFALO.
ED 020 940

FRESHMAN ENGLISH AT THE UNIVERSITY OF HAWAII.
ED 020 941

FRESHMAN ENGLISH AT NINE INSTITUTIONS WHICH HAVE ELIMINATED THE TRADITIONAL COURSE IN FRESHMAN COMPOSITION--ANTIOCH, ELMIRA, JUNIATA, AND SWARTHMORE COLLEGES AND BAKER, CLARK, EMORY, MARYLAND, AND TULANE UNIVERSITIES.
ED 020 942

FRESHMAN ENGLISH AT FOURTEEN TWO-YEAR COLLEGES--JUNIOR COLLEGE OF ALBANY, AMARILLO, BAKERSFIELD, BECKLEY, CALIFORNIA CONCORDIA, CAZENOVIA, GRAND VIEW, HARCUM, LAKEWOOD STATE, MIAMI-DADE, AND COLBY, JEFFERSON, MONROE COUNTY, AND PORTLAND COMMUNITY COLLEGES.
ED 020 944

FRESHMAN ENGLISH AT THE UNIVERSITY OF KENTUCKY, OHIO STATE UNIVERSITY, PURDUE UNIVERSITY, AND SOUTHERN ILLINOIS UNIVERSITY.
ED 020 945

FRESHMAN ENGLISH AT SEVEN COLLEGES--AUGUSTANA COLLEGE, CENTRAL WASHINGTON STATE COLLEGE, CLARKE COLLEGE, STATE COLLEGE AT FRAMINGHAM, HARDING COLLEGE, EMPORIA STATE TEACHERS COLLEGE, AND KING'S COLLEGE.
ED 020 946

FRESHMAN ENGLISH AT TWELVE UNIVERSITIES--BOB JONES, DUQUESNE, JOHN CARROLL, KANSAS STATE, MARQUETTE, NORTHERN ILLINOIS, WASHINGTON, AND WASHINGTON STATE UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF ALABAMA, DAYTON, MINNESOTA (DULUTH), AND MISSISSIPPI.
ED 020 947

FRESHMAN ENGLISH AT EIGHT UNIVERSITIES--SOUTH DAKOTA STATE, SOUTHERN ILLINOIS (EDWARDSVILLE), TUFTS, AND WAKE FOREST UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF NORTH CAROLINA, SANTA CLARA, SOUTH FLORIDA, AND SOUTHERN CALIFORNIA.
ED 020 948

COLLEGE GRADUATES

BEAR SOMETHING AWAY.
ED 020 993

COLLEGE HIGH SCHOOL COOPERATION

INTERACTION ANALYSIS OF MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS TO COLLEGE ORIENTATION.
ED 020 537

COLLEGE LANGUAGE PROGRAMS

HOW DO WE BREAK THE LOCKSTEP. VARIATIONS IN CLASS SIZE AS APPLIED TO LANGUAGE TEACHING.
ED 020 690

COLLEGE LIBRARIES

STUDY TO DEVELOP A RESEARCH PROGRAM FOR THE DESIGN DEVELOPMENT OF MODERN COLLEGE LIBRARIES. FINAL REPORT.
BR-7-C-031 ED 020 762

CHARACTERISTICS OF PROFESSIONAL PERSONNEL IN COLLEGE AND UNIVERSITY LIBRARIES. FINAL REPORT.
BR-5-0919 ED 020 766

COLLEGE PLACEMENT

BLUEPRINT FOR TALENT SEARCHING, AMERICA'S HIDDEN MANPOWER.
ED 020 955

COLLEGE PLANNING

PLANNING THE CAMPUS BY COMPUTER.
ED 020 631

HOW THEY PLANNED THEIR FOOD SERVICE.
ED 020 637

REPORT OF STUDY COMMITTEE I-C, AREA POSTSECONDARY INSTITUTIONS-- COMMUNITY COLLEGES.
ED 020 731

TECHNICAL EDUCATION IN THE JUNIOR COLLEGE, EDUCATION 261E SEMINAR-- A STUDY OF TECHNICAL EDUCATION IN THE NORTH ORANGE COUNTY JUNIOR COLLEGE DISTRICT.
ED 020 738

COLLEGE PREPARATION

SAMPLE UPWARD BOUND PROGRAMS.
ED 020 957

SHOES DON'T MATTER WHEN A BRIGHT KID IS UPWARD BOUND.
ED 020 967

COLLEGE PROGRAMS

SUMMARY OF REPORTS ON THIRTEEN DOCTORAL PROGRAMS IN ENGLISH EDUCATION.
ED 020 922

HIGH RISK.
ED 020 985

COLLEGE ROLE

REPORT OF STUDY COMMITTEE I-C, AREA POSTSECONDARY INSTITUTIONS-- COMMUNITY COLLEGES.
ED 020 731

COLLEGE SCHOOL COOPERATION

INNER-CITY SCHOOLS ARE ONE BIG LAB.
ED 021 015

A SLUM-AREA SCHOOL FACES ITS PROBLEMS WITH A DIFFERENCE.
ED 021 016

COLLEGE SCIENCE

DEVELOPMENT OF MULTI-COORDINATE VOCABULARY, PLASMA PHYSICS.
ED 020 903

DEVELOPMENT OF A MULTI-COORDINATE VOCABULARY, CHEMICAL PHYSICS.
ED 020 904

SOURCE MATERIALS FOR GENERAL AND HUMAN BIOLOGY. FINAL REPORT.
BR-5-1189 ED 020 913

SELECTED PAPERS FROM REGIONAL CONFERENCES 1966-67.
AC3-PUB-NO-35 ED 020 915

PRODUCTION AND USE OF SINGLE CONCEPT FILMS IN PHYSICS TEACHING.
ED 020 917

COLLEGE STUDENTS

ISSUES IN IMPLEMENTING CAMPUS COMMUNITY MENTAL HEALTH PROGRAMS.
ED 020 530

CORRELATIONS BETWEEN HIGH SCHOOL AVERAGES AND SAT SCORES AND FINAL SCHOLASTIC INDEXES--BMCC GRADUATES, JUNE 1966 THROUGH AUGUST 1967.
ED 020 734

STUDENT IDENTIFICATION WITH COLUMBUS COLLEGE--A PILOT STUDY.
CC-RB-OIR-1-67 ED 020 735

COLLEGE SUPERVISORS

EXPLORATION OF THE UTILIZATION OF PERSONNEL IN THE SUPERVISION OF STUDENT TEACHERS WHEN FEEDBACK VIA FILMS AND SYSTEMS FOR THE ANALYSIS OF TEACHING ARE INTRODUCED INTO THE STUDENT TEACHING PROGRAM. FINAL REPORT.
BR-5-1079 ED 020 575

COLLEGES

A STUDY IN ORGANIZATIONAL INTERACTION BETWEEN AN EVENING COLLEGE AND ITS PARENT INSTITUTION. FINAL REPORT.
BR-6-8725 ED 020 572

HOME ECONOMICS IN COLLEGES AND UNIVERSITIES.
ED 021 133

COLOR PLANNING

COLOR PLANNING FOR HOSPITALS AND SCHOOLS.
ED 020 623

COMMERCIAL ART

SURVEY OF COMMERCIAL ARTS CURRICULUM. FINAL REPORT.
BR-6-3046 ED 021 042

COMMUNICATION (THOUGHT TRANSFER)

LANGUAGE, COMMUNICATION AND CONTROL IN NORTH INDIA. WORKING PAPER NUMBER 7.
ED 020 495

LINGUISTIC ANALYSIS OF VERBAL INTERACTION IN SPECIAL CLASSES FOR THE MENTALLY RETARDED.
BR-7-0130 ED 020 597

AN INVESTIGATION OF THE APPLICABILITY OF MOTION PICTURES TO EDUCATIONAL TESTING. FINAL REPORT.
BR-5-0713 ED 020 654

INFORMATION EXCHANGE ACTIVITIES INVOLVED IN PSYCHOLOGICAL WORK. APA-PSIEP REPORT NO. 19.
ED 020 754

SCIENTIFIC COMMUNICATION AT THE XVII INTERNATIONAL CONGRESS OF PSYCHOLOGY, MOSCOW, 1966 AND SOME IMPLICATIONS FOR THE DESIGN AND OPERATION OF INTERNATIONAL MEETINGS. APA-PSIEP REPORT NO. 29.
ED 020 755

COMMUNICATION PROBLEMS
SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME ONE, LEARNER'S HANDBOOK.
ED 020 523

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME TWO, SCRIPTS OF ALL AUDIO PROGRAMS.
ED 020 524

A STRUCTURED FAMILY INTERVIEW IN THE ASSESSMENT OF SCHOOL LEARNING DISORDERS.
ED 020 534

COMMUNICATION SKILLS
EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES.
ED 020 544

NEW ORLEANS SERVES UP FINE ARTS TO FEED YOUNG EGOS.
ED 020 988

COMMUNISM
SOVIET POLITICAL SCHOOLS, THE COMMUNIST PARTY ADULT INSTRUCTION SYSTEM.
ED 020 453

COMMUNITY ACTION
A PLACE TO START.
ED 021 017

COMMUNITY ATTITUDES
A JUNIOR COLLEGE PROPOSAL FOR BOONE AND WINNEBAGO COUNTIES, JOINT REPORT OF THE NORTHERN ILLINOIS JUNIOR COLLEGE COMMITTEE AND NORTHERN ILLINOIS UNIVERSITY.
ED 020 712

KWAKIUTL VILLAGE AND SCHOOL.
ED 020 820

COMMUNITY CHARACTERISTICS
THE MAJOR COASTAL COMMUNITIES OF NORTH CAROLINA.
ED 020 829

COMMUNITY COLLEGES
DEVELOPMENT PROSPECTUS. THE ART OF THE POSSIBLE.
ED 020 634

KAUAI COMMUNITY COLLEGE, SITE SELECTION REPORT.
ED 020 642

LONG RANGE DEVELOPMENT PLAN FOR HONOLULU COMMUNITY COLLEGE.
PROJ-1811-01 ED 020 643

COMMUNITY JUNIOR COLLEGE, A BIBLIOGRAPHY.
ED 020 724

COMMUNITY SERVICES OF THE COMMUNITY COLLEGES IN THE STATE OF PENNSYLVANIA.
ED 020 742

SELECTED PAPERS FROM REGIONAL CONFERENCES 1966-67.
AC3-PUB-NO-35 ED 020 915

EFFECT OF AN INTEGRATED INSTRUCTIONAL COUNSELING PROGRAM TO IMPROVE VOCATIONAL DECISION-MAKING OF COMMUNITY COLLEGE YOUTH. FINAL REPORT.
BR-5-0154 ED 021 132

COMMUNITY COORDINATION
AN ANALYSIS OF ROLES OF THE COMMUNITY COLLEGE IN CONTINUING EDUCATION IN CONJUNCTION WITH OTHER ORGANIZATIONS WHICH PROVIDE EDUCATION FOR ADULTS.
ED 020 713

COMMUNITY EDUCATION
TOWARD A THEORY OF HOME, SCHOOL, AND COMMUNITY INTERRELATIONS.
ED 020 526

COMMUNITY INVOLVEMENT
REALITY AND THE AUEC.
ED 020 463

PROJECTIONS OF PUBLIC SCHOOL FACILITIES NEEDS, 1968-69 THROUGH 1972-73.
ED 020 649

THE IMPACT OF OPERATION HEAD START ON GREENE COUNTY, OHIO, AN EVALUATION REPORT.
OEO-572 ED 020 772

COMMUNITY LEADERS
A STUDY OF INFORMAL GROUP ACTIVITY WITHIN A COMMUNITY'S EDUCATIONAL ARENA.
ED 020 474

COMMUNITY SCHOOLS
TOWARD A THEORY OF HOME, SCHOOL, AND COMMUNITY INTERRELATIONS.
ED 020 526

COMMUNITY SERVICE PROGRAMS
TALENT SEARCH PROJECT. FINAL REPORT.
ED 020 733

COMMUNITY SERVICES OF THE COMMUNITY COLLEGES IN THE STATE OF PENNSYLVANIA.
ED 020 742

COMMUNITY SURVEYS
A JUNIOR COLLEGE PROPOSAL FOR BOONE AND WINNEBAGO COUNTIES, JOINT REPORT OF THE NORTHERN ILLINOIS JUNIOR COLLEGE COMMITTEE AND NORTHERN ILLINOIS UNIVERSITY.
ED 020 712

THE ILLINOIS VALLEY COMMUNITY COLLEGE OCCUPATIONAL SURVEY, A COOPERATIVE ARRANGEMENT PROGRAM UNDER TITLE III OF THE HIGHER EDUCATION ACT OF 1965.
ED 020 715

COMPARATIVE ANALYSIS
THE EFFECT OF ARRANGEMENT ON THE USE OF LIBRARY CATALOGS--AN EXPERIMENTAL STUDY OF A DIVIDED AND A DICTIONARY CATALOG. FINAL REPORT.
BR-7-E-014 ED 020 767

THE SYNTACTIC STRUCTURES OF 5-YEAR-OLD CULTURALLY DEPRIVED CHILDREN.
OEO-510 ED 020 788

RURAL LIFE AND URBANIZED SOCIETY.
ED 020 852

MANPOWER AND THE PUBLIC EMPLOYMENT SERVICE IN EUROPE, A STUDY OF PROGRAMS AND OPERATIONS.
ED 021 047

COMPARATIVE EDUCATION
THE EXETER PAPERS, REPORT OF THE FIRST INTERNATIONAL CONFERENCE ON THE COMPARATIVE STUDY OF ADULT EDUCATION.
ED 020 487

COMPENSATORY EDUCATION
PRE-SCHOOL EDUCATION.
ED 020 765

COMPENSATORY EDUCATION PROGRAMS
COMMUNICATIVE COMPETENCE OF LOW-INCOME CHILDREN--ASSUMPTIONS AND PROGRAMS.
ED 020 775

COMPOSITION (LITERARY)
TEACHING THE "UNTEACHABLE," THE STORY OF AN EXPERIMENT IN CHILDREN'S WRITING.
ED 020 928

COLLEGE PROGRAMS IN FRESHMAN COMPOSITION.
ED 020 939

FRESHMAN ENGLISH AT THE STATE UNIVERSITY OF NEW YORK, BUFFALO.
ED 020 940

FRESHMAN ENGLISH AT THE UNIVERSITY OF HAWAII.
ED 020 941

FRESHMAN ENGLISH AT NINE INSTITUTIONS WHICH HAVE ELIMINATED THE TRADITIONAL COURSE IN FRESHMAN COMPOSITION--ANTIOCH, ELMIRA, JUNIATA, AND SWARTHMORE COLLEGES AND BAKER, CLARK, EMORY, MARYLAND, AND TULANE UNIVERSITIES.
ED 020 942

FRESHMAN ENGLISH AT FOURTEEN TWO-YEAR COLLEGES--JUNIOR COLLEGE OF ALBANY, AMARILLO, BAKERSFIELD, BECKLEY, CALIFORNIA CONCORDIA, CAZENOVIA, GRAND VIEW, HARCUM, LAKEWOOD STATE, MIAMI-DADE, AND COLBY, JEFFERSON, MONROE COUNTY, AND PORTLAND COMMUNITY COLLEGES.
ED 020 944

FRESHMAN ENGLISH AT THE UNIVERSITY OF KENTUCKY, OHIO STATE UNIVERSITY, PURDUE UNIVERSITY, AND SOUTHERN ILLINOIS UNIVERSITY.
ED 020 945

FRESHMAN ENGLISH AT SEVEN COLLEGES--AUGUSTANA COLLEGE, CENTRAL WASHINGTON STATE COLLEGE, CLARKE COLLEGE, STATE COLLEGE AT FRAMINGHAM, HARDING COLLEGE, EMPORIA STATE TEACHERS COLLEGE, AND KING'S COLLEGE.
ED 020 946

FRESHMAN ENGLISH AT TWELVE UNIVERSITIES--BOB JONES, DUQUESNE, JOHN CARROLL, KANSAS STATE, MARQUETTE, NORTHERN ILLINOIS, WASHINGTON, AND WASHINGTON STATE UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF ALABAMA, DAYTON, MINNESOTA (DULUTH), AND MISSISSIPPI.
ED 020 947

FRESHMAN ENGLISH AT EIGHT UNIVERSITIES--SOUTH DAKOTA STATE, SOUTHERN ILLINOIS (EDWARDSVILLE), TUFTS, AND WAKE FOREST UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF NORTH CAROLINA, SANTA CLARA, SOUTH FLORIDA, AND SOUTHERN CALIFORNIA.
ED 020 948

COMPREHENSION
COGNITIVE PROCESSES IN THE DEVELOPMENT OF CHILDREN'S APPRECIATION OF HUMOR.
ED 020 784

COMPREHENSIVE HIGH SCHOOLS
VOCATIONAL EDUCATION AND THE COMPREHENSIVE HIGH SCHOOL--A CHALLENGE TO ADMINISTRATORS.

BR-6-2733 ED 021 139

COMPUTATIONAL LINGUISTICS

MACHINE TRANSLATION RESEARCH DURING THE PAST TWO YEARS.
ED 020 503

THE NUMERICAL CHARACTERISTICS OF SYMBOL DISTRIBUTION IN A TEXT.
ED 020 512

COMPUTER ASSISTED INSTRUCTION

THE COMPUTER AS AN AID TO INSTRUCTION AND GUIDANCE IN THE SCHOOL.
ED 020 529

THE COMPUTER AS AN AID IN TEACHING MATHEMATICS, AN INSTRUCTIONAL BULLETIN, GRADES 7-10.
ESEA-5 ED 020 660

A COMPUTER-BASED LABORATORY FOR AUTOMATION IN SCHOOL SYSTEMS.
SP-256-000-01 ED 020 684

A VOLUNTARY PREKINDERGARTEN LANGUAGE DEVELOPMENT AND READING PROGRAM FOR THE ENTIRE FOUR-YEAR-OLD POPULATION OF A CITY (AN INVESTIGATION OF MACHINE-TAUGHT READING). FINAL REPORT.
BR-6-1383 ED 020 855

COMPUTER BASED LABORATORIES

A COMPUTER-BASED LABORATORY FOR AUTOMATION IN SCHOOL SYSTEMS.
SP-256-000-01 ED 020 684

COMPUTER ORIENTED PROGRAMS

DATA PROCESSING CURRICULUM FOR EDUCATORS. FINAL REPORT.
BR-8-0449 ED 020 451

LEARNABILITY OF A TRANSFORMATIONALLY GENERATED SUBSET OF ENGLISH.
AFCRL-68-0070 ED 020 521

COMPUTER PROGRAMS

PLANNING THE CAMPUS BY COMPUTER.
ED 020 631

COMPUTERS

THE COMPUTER AS AN AID TO INSTRUCTION AND GUIDANCE IN THE SCHOOL.
ED 020 529

DESIGN AND CONSTRUCTION OF SCHOOL BUILDINGS. PROCEEDINGS, ASSOCIATION OF SCHOOL BUSINESS OFFICIALS OF THE UNITED STATES AND CANADA, ANNUAL MEETING AND EDUCATIONAL EXHIBIT, (50TH SAN FRANCISCO, CALIFORNIA, OCTOBER 71-22, 1964).
ED 020 624

THE COMPUTER AS AN AID IN TEACHING MATHEMATICS, AN INSTRUCTIONAL BULLETIN, GRADES 7-10.
ESEA-5 ED 020 660

PLANNING FOR THE FUTURE--FORECASTING IMPLICATIONS DUE TO TECHNOLOGICAL CHANGE.
ED 020 741

COMPUTER-AIDED INDEXING OF A SCIENTIFIC ABSTRACTS JOURNAL BY THE UDC WITH UNIDEK--A CASE STUDY.
AIP/UDC-4 ED 020 749

PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
ED 020 760

CONCEPT FORMATION

AN ANALYSIS OF A CLASS OF PROBLEM SOLVING BEHAVIOR. FINAL REPORT.
BR-5-0314 ED 020 776

THE RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION IN TEACHING THE CLASSIFICATIONAL CONCEPTS OF PHYSICAL AND CHEMICAL CHANGE TO ELEMENTARY SCHOOL CHILDREN.
BR-5-0216 ED 020 908

THE USE OF AN ADVANCE ORGANIZER IN TEACHING SELECTED CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 909

THE RELATIONSHIPS BETWEEN CONCEPTS OF FORCE ATTAINED AND MATURITY AS INDICATED BY GRADE LEVELS.
BR-5-0216 ED 020 910

RESEARCH AND DEVELOPMENT ACTIVITIES IN R AND I UNITS OF TWO ELEMENTARY SCHOOLS OF MILWAUKEE, WISCONSIN, 1966-1967.
BR-5-0216 ED 020 911

AN INVESTIGATION INTO THE RELATIONSHIP BETWEEN CONCEPT ATTAINMENT AND LEVEL OF MATURITY.
BR-5-0216 ED 020 912

CONDITIONED RESPONSE

RESPONSE TO VARYING LEVELS OF CONDITIONING REWARDS. FINAL REPORT.
BR-6-1625 ED 020 803

CONFERENCE REPORTS

THE USE OF CLOSED CIRCUIT TELEVISION IN TECHNICAL EDUCATION, REPORT OF THE EUROPEAN SEMINAR (SERAING, BELGIUM, APRIL 1965).
ED 020 656

PRAGUE SEMINAR ON LANGUAGE TEACHING AIMS, 1967.
ED 020 699

INFORMATION EXCHANGE AT THE AMERICAN PSYCHOLOGICAL ASSOCIATION ANNUAL CONVENTION AND THE FUNCTION OF THE CONVENTION PROCEEDINGS IN SUCH EXCHANGE. APA-PSIEP REPORT NO. 18.
ED 020 753

NUEVAS VISTAS (NEW VIEWS), A REPORT OF THE ANNUAL CONFERENCE OF THE CALIFORNIA STATE DEPARTMENT OF EDUCATION (1ST, LOS ANGELES, APRIL 13-14, 1967).
75205-1810-300-4-68-2M ED 020 844

TRAINING HEALTH SERVICE WORKERS--THE CRITICAL CHALLENGE, PROCEEDINGS OF THE CONFERENCE ON JOB DEVELOPMENT AND TRAINING FOR WORKERS IN HEALTH SERVICES (WASHINGTON, D.C., FEBRUARY 14-17, 1966).
ED 021 055

THE EDUCATION AND EMPLOYMENT OF TECHNICIANS. INTERIM REPORT.
BR-5-0085 ED 021 131

CONFERENCES

GROUP THINKING AND CONFERENCE LEADERSHIP. REVISED EDITION.
ED 020 460

THE INTERESTS IN MANAGEMENT CONFERENCES AT EAST TENNESSEE STATE UNIVERSITY AMONG BUSINESS OWNERS AND MANAGERS.
ED 020 485

INNOVATIONS IN SCIENTIFIC COMMUNICATION IN PSYCHOLOGY. APA-PSIEP REPORT NO. 16.
ED 020 751

INFORMATION EXCHANGE AT THE AMERICAN PSYCHOLOGICAL ASSOCIATION ANNUAL CONVENTION AND THE FUNCTION OF THE CONVENTION PROCEEDINGS IN SUCH EXCHANGE. APA-PSIEP REPORT NO. 18.
ED 020 753

SCIENTIFIC COMMUNICATION AT THE XVII INTERNATIONAL CONGRESS OF PSYCHOLOGY, MOSCOW, 1966 AND SOME IMPLICATIONS FOR THE DESIGN AND OPERATION OF INTERNATIONAL MEETINGS. APA-PSIEP REPORT NO. 29.
ED 020 755

REPORT ON CONFERENCES ON SPECIAL EDUCATIONAL PROGRAMS FOR MIGRATORY CHILDREN OF MIGRATORY AGRICULTURAL WORKERS.
ED 020 808

A DEVELOPMENTAL CONFERENCE TO ESTABLISH GUIDELINES FOR PILOT PROGRAMS FOR TEACHING THE CONCEPTS OF ART APPRECIATION WHICH ARE BASIC IN THE GENERAL EDUCATION OF ALL PUBLIC SCHOOL STUDENTS. FINAL REPORT.
BR-6-1180 ED 020 937

CONFORMITY

CONSENSUS AND CONFORMITY.
BR-5-0216 ED 020 552

CONSERVATION EDUCATION

OUTDOOR EDUCATION.
ED 020 826

SCIENCE EDUCATION INFORMATION ANALYSIS CENTER NEWSLETTER.
ED 020 916

CONSTRUCTION PROGRAMS

TO CREATE A SCHOOL, A DESIGN FOR WORKING RELATIONSHIPS.
ED 020 619

CONSULTATION PROGRAMS

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, SUMMER 1967. PHASE THREE FINAL REPORT.
ED 020 779

EVALUATION OF SERVICE ACTIVITIES UNDERTAKEN BY THE EDUCATIONAL SERVICE CENTER FOR THE PERIOD SEPTEMBER 1, 1966 TO JULY 1, 1967.
ED 020 818

CONTINUATION HIGH SCHOOLS

NEW ROAD FOR YOUNG MIGRANTS.
ED 020 987

CONTINUING EDUCATION CENTERS

ASSOCIATE IN ARTS DEGREE PROGRAM FOR ADULTS.
ED 020 732

CONTRASTIVE LINGUISTICS

LINGUISTIC METHODOLOGY AND THE TEACHING OF HINDI.
ED 020 492

THE REFLEXIVE IN ENGLISH AND SPANISH--A TRANSFORMATIONAL APPROACH.
ED 020 514

SYSTEMATISCHER AUSSPRACHEUNTERRICHT IM SPRACHLABORATORIUM (SYSTEMATIC PRONUNCIATION INSTRUCTION IN THE LANGUAGE LABORATORY).
ED 020 693

CONTROLLED ENVIRONMENT

AIR DISTRIBUTION NOISE CONTROL IN CRITICAL AUDITORIUMS.
ED 020 645

CONVENTIONAL INSTRUCTION

A COMPARISON OF LINEAR AND BRANCHING TECHNIQUES OF PROGRAMED INSTRUCTION IN PLANE GEOMETRY. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 1.
NDEA-7A-806 ED 020 677

COOPERATIVE EDUCATION

METROPOLITAN SHARING, A SURVEY OF PRESENT PRACTICES AND ATTITUDES IN THE SCHOOLS OF THE NIAGARA FRONTIER. A REPORT FROM PROJECT INNOVATION.
ED 021 021

COOPERATIVE PLANNING
PENNSYLVANIA MIGRATORY LABOR PROGRAM, 1967. ANNUAL REPORT.
ED 020 823

COOPERATIVE PROGRAMS
CONCURRENT WORK-EDUCATION (PROGRAMS IN THE 50 STATES 1965-66). INITIAL DRAFT.
ED 021 049

COOPERATIVE TEACHING
COOPERATIVE INSTRUCTION BY TELEVISION IN THE SCHOOLS OF AMERICAN SAMOA, AN OUTLINE OF THE ORGANIZATION AND PROCEDURES.
ED 020 653

CORRECTIVE INSTITUTIONS
LIBRARY SERVICES IN NEW JERSEY STATE INSTITUTIONS, A SURVEY WITH RECOMMENDATIONS.
ED 020 763

CORRESPONDENCE STUDY
ELEVEN BROADCASTING EXPERIMENTS.
ED 020 467

COST EFFECTIVENESS
COST ANALYSIS IN DAY CARE CENTERS FOR CHILDREN. FINAL REPORT TO U.S. CHILDREN'S BUREAU.
ED 020 559

COSTS
COST ANALYSIS IN DAY CARE CENTERS FOR CHILDREN. FINAL REPORT TO U.S. CHILDREN'S BUREAU.
ED 020 559

SETTING THE STAGE FOR LENGTHENED SCHOOL YEAR PROGRAMS--A SPECIAL REPORT PREPARED FOR THE GOVERNOR AND THE LEGISLATURE OF THE STATE OF NEW YORK.
ED 020 578

EXTENDED SCHOOL YEAR DESIGNS--AN INTRODUCTION TO NEW PLANS OF SCHOOL ORGANIZATION WHICH CAN RESULT IN FINANCIAL ECONOMIES AND PROVIDE MORE EDUCATION FOR ALL PUPILS.
ED 020 587

NEW LIFE FOR OLD SCHOOLS. REPORT OF A WORKSHOP FOR REPRESENTATIVES OF THE GREAT CITIES IN RELATION TO THE SPRING CONFERENCE OF THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, (NEW YORK, MAY 1, 1965).
ED 020 618

TV EQUIPMENT, SYSTEMS, FACILITIES, AND PERSONNEL--A GUIDE FOR SCHOOL ADMINISTRATORS, A STUDY PREPARED FOR THE CALIFORNIA PUBLIC SCHOOLS INSTRUCTIONAL TV COMMITTEE.
ED 020 670

A STUDY OF THE EXPENSE OF STUDENT PERSONNEL SERVICES IN SELECTED CALIFORNIA PUBLIC JUNIOR COLLEGES.
ED 020 737

COUNSELING
MILD MENTAL RETARDATION--A GROWING CHALLENGE TO THE PHYSICIAN.
GAP-REP-NO-66 ED 020 600

CHOOSING AN OCCUPATION WISELY--A PROPOSAL TO TAKE THE GUESSWORK OUT OF FUTURE VOCATIONAL GUIDANCE.
ED 020 718

COUNSELING INSTRUCTIONAL PROGRAMS
EFFECT OF AN INTEGRATED INSTRUCTIONAL COUNSELING PROGRAM TO IMPROVE VOCATIONAL DECISION-MAKING OF COMMUNITY COLLEGE YOUTH. FINAL REPORT.
BR-5-0154 ED 021 132

COUNSELING PROGRAMS
NEEDS OF STUDENTS WITH AN ALCOHOL PROBLEM IN THEIR FAMILY.
ED 020 538

COUNSELOR ACCEPTANCE
TOWARD A TENTATIVE MEASUREMENT OF THE CENTRAL THERAPEUTIC INGREDIENTS.
ED 020 532

COUNSELOR CHARACTERISTICS
TOWARD A TENTATIVE MEASUREMENT OF THE CENTRAL THERAPEUTIC INGREDIENTS.
ED 020 532

COUNSELORS
THE COUNSELOR AND RESEARCH.
ED 020 556

COURSE CONTENT
THE INDIVIDUAL, SOCIETY AND SEX. BACKGROUND READINGS FOR SEX EDUCATORS.
BR-7-0294 ED 020 448

COLLEGE PROGRAMS IN FRESHMAN COMPOSITION.
ED 020 939

FRESHMAN ENGLISH AT THE UNIVERSITY OF TULSA, COLUMBIA BASIN COLLEGE, AND WESTERN STATE COLLEGE OF COLORADO.
ED 020 943

FRESHMAN ENGLISH AT FOURTEEN TWO-YEAR COLLEGES--JUNIOR COLLEGE OF ALBANY, AMARILLO, BAKERSFIELD, BECKLEY, CALIFORNIA CONCORDIA, CAZENOVIA, GRAND VIEW, HARCUM, LAKEWOOD STATE, MIAMI-DADE, AND COLBY, JEFFERSON, MONROE COUNTY, AND PORTLAND COMMUNITY COLLEGES.
ED 020 944

FRESHMAN ENGLISH AT THE UNIVERSITY OF KENTUCKY, OHIO STATE UNIVERSITY, PURDUE UNIVERSITY, AND SOUTHERN ILLINOIS UNIVERSITY.
ED 020 945

FRESHMAN ENGLISH AT SEVEN COLLEGES--AUGUSTANA COLLEGE, CENTRAL WASHINGTON STATE COLLEGE, CLARKE COLLEGE, STATE COLLEGE AT FRAMINGHAM, HARDING COLLEGE, EMPORIA STATE TEACHERS COLLEGE, AND KING'S COLLEGE.
ED 020 946

FRESHMAN ENGLISH AT TWELVE UNIVERSITIES--BOB JONES, DUQUESNE, JOHN CARROLL, KANSAS STATE, MARQUETTE, NORTHERN ILLINOIS, WASHINGTON, AND WASHINGTON STATE UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF ALABAMA, DAYTON, MINNESOTA (DULUTH), AND MISSISSIPPI.
ED 020 947

FRESHMAN ENGLISH AT EIGHT UNIVERSITIES--SOUTH DAKOTA STATE, SOUTHERN ILLINOIS (EDWARDSVILLE), TUFTS, AND WAKE FOREST UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF NORTH CAROLINA, SANTA CLARA, SOUTH FLORIDA, AND SOUTHERN CALIFORNIA.
ED 020 948

COURSE DESCRIPTIONS
FLORIDA JUNIOR COLLEGE JOURNALISM CURRICULA, A REPORT.
ED 020 725

COURSES
FLORIDA JUNIOR COLLEGE JOURNALISM CURRICULA, A REPORT.
ED 020 725

CREATIVE EXPRESSION
CRITICAL READING DEVELOPS EARLY.
ED 020 866

CREATIVE WRITING
TEACHING THE "UNTEACHABLE," THE STORY OF AN EXPERIMENT IN CHILDREN'S WRITING.
ED 020 928

CREATIVITY
UNDERSTANDING CHILDREN'S ART FOR BETTER TEACHING.
ED 020 604

NEW ORLEANS SERVES UP FINE ARTS TO FEED YOUNG EGOS.
ED 020 988

CRITICAL INCIDENTS METHOD
ANOTHER LOOK AT TEACHER EVALUATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-8 ED 020 720

CRITICAL PATH METHOD
REFERENCES ON NETWORK PLANNING IN EDUCATION, RESEARCH MANAGEMENT, PROJECT SELECTION, AND PROGRAM MANAGEMENT. (TITLE SUPPLIED).
ED 020 580

DESIGN AND CONSTRUCTION OF SCHOOL BUILDINGS. PROCEEDINGS, ASSOCIATION OF SCHOOL BUSINESS OFFICIALS OF THE UNITED STATES AND CANADA, ANNUAL MEETING AND EDUCATIONAL EXHIBIT, (50TH SAN FRANCISCO, CALIFORNIA, OCTOBER 71-22, 1964).
ED 020 624

CRITICAL READING
CRITICAL READING DEVELOPS EARLY.
ED 020 866

CRITICAL THINKING
CRITICAL READING DEVELOPS EARLY.
ED 020 866

CROSS CULTURAL TRAINING
CROSS-CULTURAL TESTING--WHAT TO TEST.
ED 020 696

REPORT OF HOWARD LEE NOSTRAND, CHAIRMAN OF THE 1967-68 COMMITTEE ON A LEVEL-II STANDARD FOR UNDERSTANDING OF THE SOCIOCULTURAL CONTEXT (19TH ANNUAL MEETING OF THE PACIFIC NORTHWEST CONFERENCE ON FOREIGN LANGUAGES, CARROLL COLLEGE, APRIL 19-20, 1968).
ED 020 709

CULTURAL AWARENESS
REPORT OF HOWARD LEE NOSTRAND, CHAIRMAN OF THE 1967-68 COMMITTEE ON A LEVEL-II STANDARD FOR UNDERSTANDING OF THE SOCIOCULTURAL CONTEXT (19TH ANNUAL MEETING OF THE PACIFIC NORTHWEST CONFERENCE ON FOREIGN LANGUAGES, CARROLL COLLEGE, APRIL 19-20, 1968).
ED 020 709

CULTURAL BACKGROUND
COWBOYS, INDIANS, AND AMERICAN EDUCATION.
ED 020 810

CULTURAL CONTEXT
SEMANTICS AND THE STUDY OF CULTURE.
ED 020 924

CULTURAL DIFFERENCES

RAPID SOCIO-CULTURAL CHANGE AND STUDENT MENTAL HEALTH--A CROSS-CULTURAL COMPARISON.
ED 020 541

SEMANTICS AND THE STUDY OF CULTURE.
ED 020 924

CULTURAL FACTORS

CONTROLLING CULTURAL VARIATIONS IN THE PREPARATION OF TESOL MATERIALS.
ED 020 517

INFLUENCES OF CULTURAL PATTERNS ON THE THINKING OF CHILDREN IN CERTAIN ETHNIC GROUPS, A STUDY OF THE EFFECT OF JEWISH SUB-CULTURE ON THE FIELD-DEPENDENCE-INDEPENDENCE DIMENSION OF COGNITION.
ED 020 796

CULTURAL PLURALISM

EDUCATIONAL ADMINISTRATOR TRAINING FOR THE MULTI-CULTURAL COMMUNITY. FINAL REPORT FOR THE NATIONAL INSTITUTE OF MENTAL HEALTH.
ED 020 577

CULTURALLY DISADVANTAGED

BALTIMORE REACHES OUT--LIBRARY SERVICE TO THE DISADVANTAGED. DEICHES FUND STUDIES OF PUBLIC LIBRARY SERVICE, NUMBER 3.
ED 020 768

EFFECTIVENESS OF THE HEAD START PROGRAM IN ENHANCING SCHOOL READINESS OF CULTURALLY DEPRIVED CHILDREN.
OEO-570 ED 020 771

THE IMPACT OF OPERATION HEAD START ON GREENE COUNTY, OHIO, AN EVALUATION REPORT.
OEO-572 ED 020 772

PRE-SCHOOL EDUCATION.
ED 020 785

A FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART.
OEO-510 ED 020 786

AN EVALUATION AND FOLLOW-UP STUDY OF SUMMER 1966 HEAD START CHILDREN IN WASHINGTON, D.C.
OEO-1490 ED 020 794

MAKING WAVES, DENVER HEAD START.
ED 020 802

OPERATION PEBBLE. SUMMARY REPORT.
ED 020 839

A VOLUNTARY PREKINDERGARTEN LANGUAGE DEVELOPMENT AND READING PROGRAM FOR THE ENTIRE FOUR-YEAR-OLD POPULATION OF A CITY (AN INVESTIGATION OF MACHINE-TAUGHT READING). FINAL REPORT.
BR-6-1383 ED 020 855

TEACHING THE "UNTEACHABLE," THE STORY OF AN EXPERIMENT IN CHILDREN'S WRITING.
ED 020 928

CULTURE

NOTES ON CURRENT DEVELOPMENTS IN THE STUDY OF LANGUAGE IN CULTURE AND SOCIETY.
ED 020 502

COWBOYS, INDIANS, AND AMERICAN EDUCATION.
ED 020 810

SEMANTICS AND THE STUDY OF CULTURE.
ED 020 924

TEACHING STRATEGIES FOR MIDDLE EASTERN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 935

TEACHING STRATEGIES FOR ASIAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 936

TEACHING STRATEGIES FOR AFRICAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 938

CULTURE CONFLICT

THE COMPETENT TEACHER OF THE DISADVANTAGED.
ED 020 840

THE CULTURALLY DISADVANTAGED MEXICAN-AMERICAN STUDENT. PART I.
ED 020 979

CULTURE FREE TESTS

THE JOHNS HOPKINS PERCEPTUAL TEST, THE DEVELOPMENT OF A RAPID INTELLIGENCE TEST FOR THE PRE-SCHOOL CHILD.
OEO-510 ED 020 787

CURRICULUM

THE HIERARCHY OF CURRICULUM AND INSTRUCTION SYSTEM DOCUMENTATION AND THE CYCLE OF CURRICULUM AND INSTRUCTION FUNCTIONS, (A PAIR OF RELATED PAPERS).
ED 020 561

A STUDY OF THE EFFECTS OF TWO EXPERIMENTAL CURRICULUM UNITS ON THE SOCIAL PERCEPTION AND OCCUPATIONAL READINESS OF EDUCABLE MENTALLY RETARDED ADOLESCENTS.
BR-6-8926 ED 020 599

THE REMEDIATION OF LEARNING DISABILITIES, A HANDBOOK OF PSYCHOEDUCATIONAL RESOURCE PROGRAMS.
ED 020 601

UNDERSTANDING CHILDREN'S ART FOR BETTER TEACHING.
ED 020 604

CURRICULUM DEVELOPMENT

DATA PROCESSING CURRICULUM FOR EDUCATORS. FINAL REPORT.
BR-8-0449 ED 020 451

THE CINCINNATI POLICE-JUVENILE ATTITUDE PROJECT, POLICE-TEACHER CURRICULUM DEVELOPMENT FOR IMPROVING POLICE JUVENILE RELATIONS. FINAL REPORT.
ED 020 469

DEVELOPMENT OF A SYSTEM FOR AN EDUCATIONAL PRODUCTS INFORMATION EXCHANGE. FINAL REPORT.
BR-7-0274 ED 020 566

AN EXPERIMENTAL STUDY IN CURRICULUM ENGINEERING.
ED 020 581

NEW YORK CITY BOARD OF EDUCATION-FORD FOUNDATION CORRELATED CURRICULUM PROJECT, 1966-67. PILOT EVALUATION REPORT.
ED 020 583

THE TEACHER SUBCULTURE AND CURRICULUM CHANGE.
ED 020 588

COOPERATIVE INSTRUCTION BY TELEVISION IN THE SCHOOLS OF AMERICAN SAMOA, AN OUTLINE OF THE ORGANIZATION AND PROCEDURES.
ED 020 653

THE DEVELOPMENT OF DIFFERENTIATED CURRICULA FOR ABILITY GROUPED BIOLOGY CLASSES, INCLUDING TEACHER TRAINING AND PROGRAM EVALUATION.
ED 020 882

SCIENCE INTERPRETIVE PROGRAM--SPERMACETI COVE INTERPRETIVE CENTER.
ED 020 898

SELECTED PAPERS FROM REGIONAL CONFERENCES 1966-67.
AC3-PUB-NO-35 ED 020 915

THE DEVELOPMENT AND TESTING OF APPROACHES TO THE TEACHING OF ENGLISH IN THE JUNIOR HIGH SCHOOL. FINAL REPORT.
PROJ-NO-H-026 ED 020 934

CURRICULUM ENRICHMENT

EDUCATIONAL TELEVISION IN THE SMALL SCHOOL.
ED 020 822

TEACHING IN THE OUTDOORS.
ED 020 828

THE CLASSROOM AIDE.
ED 020 837

CURRICULUM ENRICHMENT OUTDOORS.
ED 020 850

CURRICULUM EVALUATION

THE DEVELOPMENT AND TESTING OF APPROACHES TO THE TEACHING OF ENGLISH IN THE JUNIOR HIGH SCHOOL. FINAL REPORT.
PROJ-NO-H-026 ED 020 934

THE DISTRIBUTIVE EDUCATION CURRICULUM AS EVALUATED BY BUSINESSMEN AND DISTRIBUTIVE EDUCATION STUDENTS OF UTAH. FINAL REPORT.
BR-6-3046 ED 021 135

CURRICULUM GUIDES

TEACHER ASSISTANT TRAINING PROGRAM, DESCRIPTION OF PROGRAM AND RESULTS AND CURRICULUM GUIDE. FINAL REPORT.
ED 020 462

A STRUCTURAL COURSE FOR VOCATIONAL ENGLISH.
ED 020 817

PROGRAM OF OUTDOOR EDUCATION FOR SOUTHERN IDAHO, CURRICULUM GUIDE.
ED 020 847

HANDBOOK FOR ENGLISH LANGUAGE ARTS, GRADES 5-12, READING AND LITERATURE.
CB-10 ED 020 857

A GUIDE FOR BEGINNING TEACHERS OF READING, GRADES 1-4.
CB-5 ED 020 858

ILLUSTRATIVE LESSON MATERIALS. A SUPPLEMENT TO SCIENCE FRAMEWORK FOR CALIFORNIA PUBLIC SCHOOLS, PRELIMINARY.
ED 020 900

TEACHING STRATEGIES FOR MIDDLE EASTERN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 935

TEACHING STRATEGIES FOR ASIAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 936

TEACHING STRATEGIES FOR AFRICAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 938

TEACHING-LEARNING UNITS IN CLOTHING AND TEXTILES.
ED 021 053

A GUIDE FOR TEACHING CHILD DEVELOPMENT. A BOOK OF TEACHING PLANS.
ED 021 054

FOREST TECHNOLOGY, A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.
ED 021 063

AUTOMOTIVE DIESEL MAINTENANCE. PROGRAM OUTLINE.
ED 021 149

CURRICULUM PLANNING
THE INDIVIDUAL, SOCIETY AND SEX. BACKGROUND READINGS FOR SEX EDUCATORS.
BR-7-0294 ED 020 448

CURRICULUM PROBLEMS
SPEAK UP, CHICANO.
ED 020 816

CURRICULUM RESEARCH
TRIAL AND TESTING OF AN EXPERIMENTAL GUIDANCE CURRICULUM. FINAL REPORT.
BR-7-8091 ED 020 554

A MODEL VOCATIONAL EDUCATION PROGRAM FOR THE SLOW LEARNER.
ED 021 046

DATA ANALYSIS
PLANNING FOR THE FUTURE--FORECASTING IMPLICATIONS DUE TO TECHNOLOGICAL CHANGE.
ED 020 741

DATA PROCESSING
THREE METHODS OF PROCESSING STUDENT RESPONSE DATA IN PROGRAMED INSTRUCTION. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 7.
NDEA-7A-806 ED 020 674

DAY CARE SERVICES
COST ANALYSIS IN DAY CARE CENTERS FOR CHILDREN. FINAL REPORT TO U.S. CHILDREN'S BUREAU.
ED 020 559

DECENTRALIZATION
DECENTRALIZATION AND URBAN SCHOOLS.
ED 020 959

DECISION MAKING
CONFERENCE SUMMARY--FROM THEORY TO PRACTICE. THE DESCRIPTION AND DEMONSTRATION OF A GUIDANCE PROGRAM IN ONE DISTRICT K-12.
ED 020 535

RESPECT, ENGAGEMENT, RESPONSIBILITY.
ED 020 989

OPEN SYSTEM THEORY AND CHANGE IN VOCATIONAL PROGRAMS OF IDAHO SECONDARY SCHOOLS.
BR-6-3014 ED 021 138

DEFACTO SEGREGATION
A STATEMENT OF CONCERN FOR PUBLIC EDUCATION IN PHILADELPHIA, WITH PARTICULAR REFERENCE TO THE SPECIAL NEEDS OF CHILDREN IN UNDERPRIVILEGED, SEGREGATED AREAS.
ED 020 950

HOBSON V. HANSEN--WHAT IS LAW FOR.
ED 020 978

EDUCATION'S MOST CRUCIAL ISSUE.
ED 020 992

A PERSPECTIVE FOR EDUCATORS ON THE RACIAL ISSUE IN EDUCATION.
ED 021 013

DELINQUENT IDENTIFICATION
DELINQUENCY PRONE YOUTH--LONGITUDINAL AND PREVENTIVE RESEARCH, EAU CLAIRE COUNTY YOUTH STUDY, PHASE III, 1965-68.
2-R11-MH00672-07 ED 020 814

DEMOCRACY
THE RATIONALE FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY, A SURVEY, ANALYSIS AND CRITIQUE OF THE LITERATURE FROM 1919 TO 1961.
ED 020 475

DEMONSTRATIONS (CIVIL)
VIOLENCE, INTIMIDATION AND PROTEST. DESEGREGATION.
ED 020 980

DEPRESSED AREAS (GEOGRAPHIC)
GEOGRAPHIC FACTORS IN EMPLOYMENT AND MANPOWER DEVELOPMENT.
ED 021 145

DESCRIPTIVE LINGUISTICS
PROGRAMMED LEARNING OF A SECOND LANGUAGE.
ED 020 703

DESIGN
THE CO-ORDINATED CLASSROOM.
ED 020 621

A COMPREHENSIVE STUDY FOR THE MASTER DEVELOPMENT PLAN, POLK JUNIOR COLLEGE, WINTER HAVEN, FLORIDA.
ED 020 635

DESIGN NEEDS
COLOR PLANNING FOR HOSPITALS AND SCHOOLS.
ED 020 623

DEVELOPING NATIONS
LABOR TRAINING IN DEVELOPING COUNTRIES, A CHALLENGE IN RESPONSIBLE DEMOCRACY.
ED 020 454

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 1, THE PROJECT AS A WHOLE--ORGANIZATION, ADAPTATION, AND EXPANSION.
ED 020 663

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 2, THE PROJECT'S FIRST SEMESTER--PUPIL ACHIEVEMENT, TEACHER ATTITUDES, AND THE WORK OF THE UTILIZATION VOLUNTEER.
ED 020 664

DEVELOPMENT NATIONS
THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 8, THE TELEVISED CURRICULUM AND THE COLOMBIAN TEACHER.
ED 020 668

DEVELOPMENT READING
A TEACHER'S GUIDE TO CONTINUOUS PROGRESS IN READING INSTRUCTION, 1967.
TITLE-3-DPSC-67-3068 ED 020 856

DEVELOPMENTAL PROGRAMS
FEDERAL-STATE PROGRAMS FOR DEVELOPING HUMAN RESOURCES.
ED 021 044

DEVELOPMENTAL PSYCHOLOGY
A "SYSTEMS" APPROACH TO THE "SCHOOL UNDERACHIEVER."
ED 020 545

DEVELOPMENTAL TASKS
DEVELOPMENTAL LEVEL AND VOCATIONAL INTERESTS (SVIB).
ED 020 543

DICTIONARY CATALOGS
THE EFFECT OF ARRANGEMENT ON THE USE OF LIBRARY CATALOGS--AN EXPERIMENTAL STUDY OF A DIVIDED AND A DICTIONARY CATALOG. FINAL REPORT.
BR-7-E-014 ED 020 767

DIESEL ENGINES
AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT I, GENERAL INTRODUCTION TO DIESEL ENGINES.
PTAM-1-1 ED 021 072

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT II, MAINTAINING THE AIR SYSTEM--DETROIT DIESEL ENGINES.
PTAM-1-2 ED 021 073

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT III, MAINTAINING THE FUEL SYSTEM--DETROIT DIESEL ENGINE.
PTAM-1-3 ED 021 074

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IV, MAINTAINING THE COOLING SYSTEM--DETROIT DIESEL ENGINES.
PTAM-1-4 ED 021 075

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VI, MAINTAINING MECHANICAL GOVERNORS--DETROIT DIESEL ENGINES.
PTAM-1-6 ED 021 077

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VII, ENGINE TUNE-UP--DETROIT DIESEL ENGINE.
PTAM-1-7 ED 021 078

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VIII, ENGINE COMPONENTS--PART I.
AM-1-8 ED 021 079

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IX, ENGINE COMPONENTS.
AM-1-9 ED 021 080

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XI, PART I--MAINTAINING THE FUEL SYSTEM (PART I), CUMMINS DIESEL ENGINES, PART II--UNIT REPLACEMENT (ENGINE).
AM-1-11 ED 021 082

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XII, PART I--MAINTAINING THE FUEL SYSTEM (PART II), CUMMINS DIESEL ENGINE, PART II--UNIT INSTALLATION (ENGINE).
AM-1-12 ED 021 083

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIII, I--MAINTAINING THE FUEL SYSTEM (PART III), CUMMINS DIESEL ENGINES, II--RADIATOR SHUTTER SYSTEM.
AM-1-13 ED 021 084

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIV, I--MAINTAINING THE AIR SYSTEM, CUMMINS DIESEL ENGINE, II--UNIT REMOVAL--TRANSMISSION.
AM-1-14 ED 021 085

AUTOMOTIVE DIESEL MAINTENACE 1. UNIT XV, I--MAINTAINING THE COOLING SYSTEM, CUMMINS DIESEL ENGINE, I--UNIT INSTALLATION--TRANSMISSION.
AM-1-15 ED 021 086

AUTOMOTIVE DIESEL MAINTENANCE 1, UNIT XVI, I--USE AND CARE OF SMALL HAND TOOLS, II--PRINCIPLES OF THE POWER DIVIDER.
AM-1-16 ED 021 087

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVII, I--MAINTAINING THE LUBRICATION SYSTEM--CUMMINS DIESEL ENGINE, II--UNIT INSTALLATION AND REMOVAL--DRIVE LINES.

AM-1-17 ED 021 088

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVIII, I--UNDERSTAND ENGINE GEARS AND GEARING PRINCIPLES, II--MACK INTER-AXLE POWER DIVIDER.
AM-1-18 ED 021 089

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIX, I--ENGINE TUNE-UP--CUMMINS DIESEL ENGINE, II--FRONT END SUSPENSION AND AXLES.
AM-1-19 ED 021 090

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XX, CUMMINS DIESEL ENGINE, MAINTENANCE SUMMARY.
AM-1-20 ED 021 091

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXI, I--MAINTAINING THE AIR SYSTEM--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING REAR END SUSPENSION.
AM-1-21 ED 021 092

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXII, I--MAINTAINING THE FUEL SYSTEM (PART I)--CUMMINS DIESEL ENGINE, II--UNDERSTANDING THE DIFFERENTIAL.
AM-1-22 ED 021 093

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIII, I--MAINTAINING THE FUEL SYSTEM, PART II--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING STEERING SYSTEMS.
AM-1-23 ED 021 094

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIV, I--MAINTAINING THE FUEL SYSTEM PART III--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING THE VOLTAGE REGULATOR/ALTERNATOR.
AM-1-24 ED 021 095

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXV, I--CATERPILLAR DIESEL ENGINE COOLING SYSTEM D-8 AND 824 MODELS, II--TIRES AND TIRE HARDWARE.
AM-1-25 ED 021 096

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVI, I--CATERPILLAR LUBRICATION SYSTEMS AND COMPONENTS, II--LEARNING ABOUT BRAKES (PART I).
AM-1-26 ED 021 097

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVII, I--CATERPILLAR STARTING (PONEY) ENGINE (PART I), II--LEARNING ABOUT BRAKES (PART II).
AM-1-27 ED 021 098

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVIII, I--CATERPILLAR STARTING (PONEY) ENGINE (PART II), II--UNDERSTANDING MORE ABOUT STARTING DEVICES.
AM-1-28 ED 021 099

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIX, REVIEWING THE CONSTRUCTION OF ENGINE COMPONENTS.
AM-1-29 ED 021 100

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXX, I--CATERPILLAR DIESEL ENGINE MAINTENANCE SUMMARY, II--REIEWING FACTS ABOUT ALTERNATORS.
AM-1-30 ED 021 101

AUTOMOTIVE DIESEL MAINTENANCE. PROGRAM OUTLINE.
ED 021 149

DIGITAL COMPUTERS

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, COMPUTERIZED CONTROL SERIES. LOGICAL FUNDAMENTALS OF DIGITAL COMPUTERS. UNIT 10A.
ED 021 065

DIRECTORIES

DIRECTORY OF ADULT EDUCATION ORGANIZATIONS, 1968.
ED 020 488

SCIENCE EDUCATION INFORMATION ANALYSIS CENTER NEWSLETTER.
ED 020 916

HOME ECONOMICS IN COLLEGES AND UNIVERSITIES.
ED 021 133

DISADVANTAGED GROUPS

ADULT BASIC EDUCATION.
ED 020 464

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE NEW YORK CITY SCHOOLS.
ED 020 974

BARRIERS TO EMPLOYMENT OF THE DISADVANTAGED.
ED 021 143

NEW DEVELOPMENTS IN MANPOWER PROGRAMS.
ED 021 147

DISADVANTAGED YOUTH

DEVELOPING ORIGINAL MATERIALS IN READING (A GUIDE FOR TEACHERS).
BR-5-0687 ED 020 445

BASIC EDUCATION FOR SPANISH-SPEAKING DISADVANTAGED PUPILS.
ED 020 497

MILD MENTAL RETARDATION--A GROWING CHALLENGE TO THE PHYSICIAN.
GAP-REP-NO-66 ED 020 600

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, SUMMER 1967. PHASE THREE FINAL REPORT.
ED 020 779

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, 1966-67 YEAR PROGRAM.
ED 020 780

REGIONAL EVALUATION AND RESEARCH CENTER FOR PROJECT HEAD START, SUPPLEMENTARY RESEARCH REPORT, SEPTEMBER 1, 1967-DECEMBER 31, 1967.
IED-66-1-11 ED 020 791

AN EVALUATION AND FOLLOW-UP STUDY OF SUMMER 1966 HEAD START CHILDREN IN WASHINGTON, D.C.
OEO-1490 ED 020 794

GRADE EQUIVALENT COMPARISONS BETWEEN DISADVANTAGED NEGRO URBAN CHILDREN WITH AND WITHOUT KINDERGARTEN EXPERIENCE WHEN TAUGHT TO READ BY SEVERAL METHODS.
ED 020 798

BORN FOR JOY, A UNIQUE SUMMER PROGRAM FOR DISADVANTAGED CHILDREN DURING JULY, 1966.
ED 020 821

TEACHING THE "UNTEACHABLE," THE STORY OF AN EXPERIMENT IN CHILDREN'S WRITING.
ED 020 928

A STATEMENT OF CONCERN FOR PUBLIC EDUCATION IN PHILADELPHIA, WITH PARTICULAR REFERENCE TO THE SPECIAL NEEDS OF CHILDREN IN UNDERPRIVILEGED, SEGREGATED AREAS.
ED 020 950

TEACHING SCIENCE TO THE DISADVANTAGED PUPIL.
ED 020 952

BLUEPRINT FOR TALENT SEARCHING, AMERICA'S HIDDEN MANPOWER.
ED 020 955

SAMPLE UPWARD BOUND PROGRAMS.
ED 020 957

SHOES DON'T MATTER WHEN A BRIGHT KID IS UPWARD BOUND.
ED 020 967

SPRINGBOARDS, TEXTS THE STUDENTS STEAL.
ED 020 969

THE CULTURALLY DISADVANTAGED MEXICAN-AMERICAN STUDENT. PART I.
ED 020 979

SOMETIMES IT GOT WILD IN ARKANSAS.
ED 020 982

DIFFERENT BUT EQUAL, A SPECIAL REPORT.
ED 020 984

HIGH RISK.
ED 020 985

NEW ROAD FOR YOUNG MIGRANTS.
ED 020 987

TEACHING THE DISADVANTAGED.
ED 020 990

THE NEGLECTED MAJORITY.
ED 020 991

SOCIALLY DISADVANTAGED AMERICANS, SLOW LEARNERS.
ED 021 003

WHO ARE THE DISADVANTAGED.
ED 021 006

DISCIPLINE

EAU CLAIRE COUNTY STUDY, PHASE II 1964-65.
NIMH-GNO-2-R11-672-04 ED 020 812

DISCIPLINE POLICY

CHILD REARING IN CALIFORNIA, A STUDY OF MOTHERS WITH YOUNG CHILDREN.
ED 020 783

EAU CLAIRE COUNTY STUDY, PHASE II 1964-65.
NIMH-GNO-2-R11-672-04 ED 020 812

DISCOVERY PROCESSES

AN ANALYSIS OF A CLASS OF PROBLEM SOLVING BEHAVIOR. FINAL REPORT.
BR-5-0314 ED 020 776

DISCRIMINATION LEARNING

REGIONAL EVALUATION AND RESEARCH CENTER FOR HEAD START, SOUTHERN UNIVERSITY. ANNUAL REPORT.
ED 020 792

VARIABLES AFFECTING THE PERFORMANCE OF YOUNG CHILDREN ON A LETTER DISCRIMINATION TASK.
ED 020 797

TEACHING BEGINNING READERS TO DISTINGUISH BETWEEN SIMILAR LETTERS OF THE ALPHABET. FINAL REPORT.
BR-6-1655 ED 020 860

DISCRIMINATORY ATTITUDES (SOCIAL)

PREJUDICE AND YOUR CHILD. 2D ED.
ED 020 949

DISCRIMINATORY LEGISLATION

THE CRUMBLING LEGAL BARRIERS TO SCHOOL DESEGREGATION.
ED 020 977

DISCUSSION (TEACHING TECHNIQUE)
THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 6, INSTRUCTIONAL TELEVISION FOR THE IN-SERVICE TRAINING OF THE COLOMBIAN TEACHER.
ED 020 667

DISQUALIFICATION
ONE-THIRD OF A NATION, A REPORT ON YOUNG MEN FOUND UNQUALIFIED FOR MILITARY SERVICE.
ED 021 045

DISTRIBUTIVE EDUCATION
FACILITIES AND EQUIPMENT FOR DISTRIBUTIVE EDUCATION PROGRAMS.
ED 020 647

THE DISTRIBUTIVE EDUCATION CURRICULUM AS EVALUATED BY BUSINESSMEN AND DISTRIBUTIVE EDUCATION STUDENTS OF UTAH. FINAL REPORT.
BR-6-3046 ED 021 135

DIVIDED CATALOGS
THE EFFECT OF ARRANGEMENT ON THE USE OF LIBRARY CATALOGS--AN EXPERIMENTAL STUDY OF A DIVIDED AND A DICTIONARY CATALOG. FINAL REPORT.
BR-7-E-014 ED 020 767

DOCTORAL PROGRAMS
REPORT OF A PRELIMINARY SURVEY ON DOCTORAL PREPARATION IN ENGLISH EDUCATION.
ED 020 921

SUMMARY OF REPORTS ON THIRTEEN DOCTORAL PROGRAMS IN ENGLISH EDUCATION.
ED 020 922

DOCTORAL THESES
HOME ECONOMICS RESEARCH ABSTRACTS--1966. HOME ECONOMICS EDUCATION.
ED 021 058

DROPOUT PROGRAMS
NEW ROAD FOR YOUNG MIGRANTS.
ED 020 987

DROPOUTS
DELINQUENCY PRONE YOUTH--LONGITUDINAL AND PREVENTIVE RESEARCH, EAU CLAIRE COUNTY YOUTH STUDY, PHASE III, 1965-68.
2-R11-MH00672-07 ED 020 814

SPRINGBOARDS, TEXTS THE STUDENTS STEAL.
ED 020 969

DSCIPLINE
EDUCATIONAL TELEVISION IN THE SMALL SCHOOL.
ED 020 822

DUAL ENROLLMENT
SOME EFFECTS OF DUAL ENROLLMENT UPON STUDENTS ENROLLED IN THE CHICAGO LUTHERAN SHARED TIME PROGRAM. FINAL REPORT.
BR-6-8444 ED 020 567

DYSLEXIA
A CITATION BIBLIOGRAPHY OF SELECTED SOURCES ON DYSLEXIA AND LEARNING DISABILITIES.
ERIC-CRIER-VOL-1-BIBLIOGR-9 ED 020 865

EARLY CHILDHOOD
THE CONSEQUENCES OF EARLY BILINGUALISM IN COGNITIVE DEVELOPMENT AND PERSONALITY FORMATION.
ED 020 491

A STUDY OF A MEASUREMENT RESOURCE IN CHILD RESEARCH, PROJECT HEAD START.
OEO-2452 ED 020 790

EARLY CHILDHOOD EDUCATION
PREVENTION OF FAILURE.
ED 020 777

PRE-SCHOOL EDUCATION.
ED 020 785

ECOLOGY
TESTING FOR CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 906

ECONOMIC DEVELOPMENT
GEOGRAPHIC FACTORS IN EMPLOYMENT AND MANPOWER DEVELOPMENT.
ED 021 145

ECONOMIC DISADVANTAGEMENT
HOME EDUCATION LIVELIHOOD PROGRAM IN NEW MEXICO FOR UNDEREMPLOYED SEASONAL AGRICULTURE WORKERS.
GNM-8523 ED 020 807

WHO ARE THE DISADVANTAGED.
ED 021 006

GEOGRAPHIC FACTORS IN EMPLOYMENT AND MANPOWER DEVELOPMENT.
ED 021 145

ECONOMIC FACTORS
AN OPERATIONS RESEARCH MODEL FOR LOCATING AREA VOCATIONAL SCHOOLS.
ED 021 052

REVIEW OF MANPOWER DEVELOPMENTS IN 1967.
ED 021 146

ECONOMIC PROGRESS
REVIEW OF MANPOWER DEVELOPMENTS IN 1967.
ED 021 146

ECONOMICALLY DISADVANTAGED
THE IMPORTANCE OF MAINTAINING LONG-TERM TREATMENT SERVICES FOR THE ECONOMICALLY DEPRIVED FAMILY.
ED 020 542

BALTIMORE REACHES OUT--LIBRARY SERVICE TO THE DISADVANTAGED. DEICHES FUND STUDIES OF PUBLIC LIBRARY SERVICE, NUMBER 3.
ED 020 768

THE LIMITATIONS OF BRIEF INTELLIGENCE TESTING WITH YOUNG CHILDREN.
OEO-510 ED 020 774

THE COMPETENT TEACHER OF THE DISADVANTAGED.
ED 020 840

FACES OF POVERTY.
ED 020 958

A STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT.
ED 021 130

EDUCATION
HANDBOOK OF INFORMATION SOURCES IN EDUCATION AND THE BEHAVIORAL SCIENCES.
BR-7-1038 ED 020 447

THE EXETER PAPERS, REPORT OF THE FIRST INTERNATIONAL CONFERENCE ON THE COMPARATIVE STUDY OF ADULT EDUCATION.
ED 020 487

EDUCATION PROGRAMS
INNOVATIVE PROGRAMS IN WESTERN NEW YORK SCHOOLS.
ED 021 020

EDUCATION SERVICE CENTERS
INTERMEDIATE UNITS AND SMALL HIGH SCHOOLS.
ED 020 815

EDUCATIONAL ADMINISTRATION
EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION.
ED 020 576

THE SUPERINTENDENT AS A COMMUNITY EDUCATIONAL LEADER.
ED 020 827

EDUCATIONAL ATTITUDES
A RESTUDY OF THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-582 ED 020 824

THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-525 ED 020 836

SMALL TOWN IN MASS SOCIETY--CLASS, POWER, AND RELIGION IN A RURAL COMMUNITY.
ED 020 842

EDUCATIONAL CHANGE
PLANNED CHANGE--A SELECTED BIBLIOGRAPHY.
BR-5-0993 ED 020 569

DECENTRALIZATION AND URBAN SCHOOLS.
ED 020 959

IMPACT OF SOCIAL CLASS.
ED 020 960

INTEGRATION, MANDATE FOR EDUCATIONAL CHANGE.
ED 021 001

EDUCATIONAL DISADVANTAGEMENT
OPERATION PEBBLE. SUMMARY REPORT.
ED 020 839

WHO ARE THE DISADVANTAGED.
ED 021 006

EDUCATIONAL DISCRIMINATION
HOBSON V. HANSEN--WHAT IS LAW FOR.
ED 020 978

EDUCATION'S MOST CRUCIAL ISSUE.
ED 020 992

A PERSPECTIVE FOR EDUCATORS ON THE RACIAL ISSUE IN EDUCATION.
ED 021 013

EDUCATIONAL ENVIRONMENT
STRUCTURED LEARNING AND TRAINING ENVIRONMENTS--A PREPARATION LABORATORY FOR ADVANCED MAMMALIAN PHYSIOLOGY.
MSU-EDP-PR-203 ED 020 671

EDUCATIONAL EQUALITY
ISSUES IN AMERICAN EDUCATION.
ED 020 965

METROPOLITAN SHARING, A SURVEY OF PRESENT PRACTICES AND ATTITUDES IN THE SCHOOLS OF THE NIAGARA FRONTIER. A REPORT FROM PROJECT INNOVATION.
ED 021 021

EDUCATIONAL EQUIPMENT
DEVELOPMENT OF A SYSTEM FOR AN EDUCATIONAL PRODUCTS INFORMATION EXCHANGE. FINAL REPORT.
BR-7-0274 ED 020 566

STUDY OF FEASIBILITY OF NEW EDUCATIONAL MEDIA FOR DEVELOPING COUNTRIES.
ED 020 685

EDUCATIONAL EXPERIENCE

HOW PARENTS VIEW URBAN EDUCATION.
ED 020 964

EDUCATIONAL EXPERIMENTS

AN EXPERIMENTAL STUDY IN CURRICULUM ENGINEERING.
ED 020 581

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 3, IMPROVING THE EFFECTIVENESS OF THE UTILIZATION VOLUNTEER AND THE UTILIZATION OF ETV BY THE COLOMBIAN TEACHER.
ED 020 665

EXPERIMENTAL RESEARCH IN EDUCATIONAL TELEVISION. RESEARCH RESUME NUMBER 37.
CTA-CACER-RR-37 ED 020 681

A LONG TERM STUDY OF THE RESULTS OF SPECIAL COUNSELING AND INSTRUCTIONAL TECHNIQUES USED WITH STUDENTS WITH SEEMINGLY LOW ACADEMIC POTENTIAL AS MEASURED BY MERRITT COLLEGE CLASSIFICATION TESTS.
ED 020 726

EDUCATIONAL FACILITIES

AN EVALUATION STUDY OF THE COLLEGE FACILITIES PROGRAM. FINAL REPORT.
ED 020 627

SELECTED REFERENCES FOR PLANNING HIGHER EDUCATION FACILITIES.
ED 020 633

AIA SCHOOL PLANT STUDIES. A SELECTION 1952-1962.
ED 020 638

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 1, THE PROJECT AS A WHOLE--ORGANIZATION, ADAPTATION, AND EXPANSION.
ED 020 663

EDUCATIONAL FINANCE

THE FINANCIAL PHASE OF LONG RANGE PLANNING FOR PUBLIC SCHOOLS--PRESENTING A METHOD FOR PROJECTION.
DPSC-67-2868 ED 020 563

TALENT SEARCH PROJECT. FINAL REPORT.
ED 020 733

EDUCATIONAL GUIDANCE

HOME ECONOMICS IN COLLEGES AND UNIVERSITIES.
ED 021 133

EDUCATIONAL IMPROVEMENT

COOPERATIVE INSTRUCTION BY TELEVISION IN THE SCHOOLS OF AMERICAN SAMOA, AN OUTLINE OF THE ORGANIZATION AND PROCEDURES.
ED 020 653

A STUDY OF THE NEED FOR ADDITIONAL FACILITIES FOR THE EDUCATION OF LIBRARIANS IN THE UNIVERSITY OF CALIFORNIA.
ED 020 750

THE FRUSTRATIONS OF PROGRESS.
ED 020 976

DIFFERENT BUT EQUAL, A SPECIAL REPORT.
ED 020 984

THE NEGLECTED MAJORITY.
ED 020 991

EDUCATION'S MOST CRUCIAL ISSUE.
ED 020 992

EDUCATIONAL INNOVATION

HIGHLIGHTS OF SCHOOLS USING EDUCATIONAL MEDIA.
ED 020 661

RESEARCH PERTINENT TO THE TRAINING OF READING TEACHERS.
ED 020 872

INNOVATIVE PROGRAMS IN WESTERN NEW YORK SCHOOLS.
ED 021 020

EDUCATIONAL INTEREST

THE INTERESTS IN MANAGEMENT CONFERENCES AT EAST TENNESSEE STATE UNIVERSITY AMONG BUSINESS OWNERS AND MANAGERS.
ED 020 485

ADULT EDUCATION IN HOMEMAKING IN UPSHUR COUNTY IN WEST VIRGINIA, EVALUATION OF INTERESTS AND NEEDS FOR ADULT HOMEMAKING EDUCATION IN UPSHUR COUNTY, 1960-1961.
ED 020 486

EDUCATIONAL METHODS

UPGRADING ELEMENTARY READING PROGRAMS.
ED 020 880

EDUCATIONAL NEEDS

AN ANALYSIS OF THE CHARACTERISTICS OF THE UNEMPLOYED AND UNDEREDUCATED AS THEY RELATE TO PROGRAM PLANNING FOR CONTINUING EDUCATION IN MODESTO, REVISED ADULT EDUCATION PROGRAM PLAN.
ED 020 452

LABOR TRAINING IN DEVELOPING COUNTRIES, A CHALLENGE IN RESPONSIBLE DEMOCRACY.
ED 020 454

POLAND--FURTHER DEVELOPMENT OF EDUCATION FOR WORKERS.
TT-67-33869 ED 020 465

ADULT LEARNING SEMINAR, PROCEEDINGS (SYRACUSE UNIVERSITY, NEW YORK, JUNE 12-16, 19670.
ED 020 482

THE INTERESTS IN MANAGEMENT CONFERENCES AT EAST TENNESSEE STATE UNIVERSITY AMONG BUSINESS OWNERS AND MANAGERS.
ED 020 485

ADULT EDUCATION IN HOMEMAKING IN UPSHUR COUNTY IN WEST VIRGINIA, EVALUATION OF INTERESTS AND NEEDS FOR ADULT HOMEMAKING EDUCATION IN UPSHUR COUNTY, 1960-1961.
ED 020 486

OUR FIRST 100 YEARS, HIGHLIGHTS OF CENTENNIAL TEACHERS INSTITUTE (MARYLAND SCHOOL FOR THE DEAF, FREDERICK, MARYLAND, MARCH 7-8, 1968).
ED 020 607

REPORT OF THE GOVERNOR'S COMMISSION TO STUDY THE EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN.
ED 020 611

A JUNIOR COLLEGE PROPOSAL FOR BOONE AND WINNEBAGO COUNTIES, JOINT REPORT OF THE NORTHERN ILLINOIS JUNIOR COLLEGE COMMITTEE AND NORTHERN ILLINOIS UNIVERSITY.
ED 020 712

A STUDY OF THE NEED FOR ADDITIONAL FACILITIES FOR THE EDUCATION OF LIBRARIANS IN THE UNIVERSITY OF CALIFORNIA.
ED 020 750

THE COMPETENT TEACHER OF THE DISADVANTAGED.
ED 020 840

READING INSTRUCTION IN THE 1970'S FOR MEGALOPOLIS OR CENTER CITY.
ED 020 868

CITIES AND SCHOOLS.
ED 021 007

AN IN-DEPTH STUDY TO ASCERTAIN WHETHER THERE IS A NEED IN THE STATE OF UTAH FOR A POST HIGH SCHOOL PROGRAM IN ORNAMENTAL HORTICULTURE.
BR-6-3046 ED 021 062

V.I.E.W., VOCATIONAL INFORMATION FOR EDUCATION AND WORK.
BR-6-3046 ED 021 068

EDUCATIONAL OBJECTIVES

ADULT LEARNING SEMINAR, PROCEEDINGS (SYRACUSE UNIVERSITY, NEW YORK, JUNE 12-16, 19670.
ED 020 482

A DYNAMIC GENERAL PLANNING MODEL FOR THE HAWAII DEPARTMENT OF EDUCATION.
ED 020 560

EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION.
ED 020 576

THE IDEAL PREPARATION OF FOREIGN LANGUAGE TEACHERS.
ED 020 697

AN EXPLORATION OF THE USES OF RHYTHMIC MOVEMENT TO DEVELOP AESTHETIC CONCEPTS IN THE PRIMARY GRADES.
CRP-S-416 ED 020 770

PROGRAM OF OUTDOOR EDUCATION FOR SOUTHERN IDAHO, CURRICULUM GUIDE.
ED 020 817

GOALS, CONCEPTS, AND THE TEACHER OF SPEECH.
ED 020 925

PROMISES AND PUZZLES, THE PLIGHT OF THE INNER-CITY.
ED 020 961

EDUCATIONAL OPPORTUNITIES

IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).
ED 020 819

HIGH RISK.
ED 020 985

EDUCATIONAL PHILOSOPHY

THE RATIONALE FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY, A SURVEY, ANALYSIS AND CRITIQUE OF THE LITERATURE FROM 1919 TO 1961.
ED 020 475

EDUCATIONAL PLANNING

A DYNAMIC GENERAL PLANNING MODEL FOR THE HAWAII DEPARTMENT OF EDUCATION.
ED 020 560

THE HIERARCHY OF CURRICULUM AND INSTRUCTION SYSTEM DOCUMENTATION AND THE CYCLE OF CURRICULUM AND INSTRUCTION FUNCTIONS, (A PAIR OF RELATED PAPERS).

ED 020 561

THE FINANCIAL PHASE OF LONG RANGE PLANNING FOR PUBLIC SCHOOLS--PRESENTING A METHOD FOR PROJECTION.
DPSC-67-2938 ED 020 563

AN ANALYSIS OF THE RATIONALE AND PROCEDURES FOR LONG-RANGE PLANNING -- FOUND IN SELECTED CORPORATE ENTERPRISES, GOVERNMENT AGENCIES OR DEPARTMENTS, AND SCHOOL SYSTEMS--WHICH ARE APPROPRIATE FOR EDUCATIONAL AND ADMINISTRATIVE PLANNING IN LOCAL SCHOOL SYSTEMS.
BR-6-8317 ED 020 571

EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION.
ED 020 576

REFERENCES ON NETWORK PLANNING IN EDUCATION, RESEARCH MANAGEMENT, PROJECT SELECTION, AND PROGRAM MANAGEMENT. (TITLE SUPPLIED).
ED 020 580

OPERATION PEP--A STATE-WIDE PROJECT TO PREPARE EDUCATIONAL PLANNERS FOR CALIFORNIA.
DPSC-67-4410 ED 020 584

A SYSTEM APPROACH FOR SOLVING EDUCATIONAL PROBLEMS.
DPSC-67-4410 ED 020 585

DESIGN CONSIDERATIONS FOR THE INSTRUCTIONAL PROGRAM OF OPERATION PEP.
DPSC-67-4410 ED 020 586

SELECTED REFERENCES FOR PLANNING HIGHER EDUCATION FACILITIES.
ED 020 633

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 2. THE PROJECT'S FIRST SEMESTER--PUPIL ACHIEVEMENT, TEACHER ATTITUDES, AND THE WORK OF THE UTILIZATION VOLUNTEER.
ED 020 664

GUIDELINES FOR THE EDUCATION OF MIGRANT CHILDREN AS AUTHORIZED UNDER PUBLIC LAW 89-750, TITLE I, ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965.
ED 020 851

EDUCATIONAL PRACTICE

DEVELOPING A THEORY OF EDUCATIONAL PRACTICE FOR THE ELEMENTARY SCHOOL. PROJECT REPORT TO THE FORD FOUNDATION FUND FOR THE ADVANCEMENT OF EDUCATION.
ED 020 564

TWO VIEWS CONCERNING ABILITY GROUPING.
ED 020 983

EDUCATIONAL PROBLEMS

READING INSTRUCTION IN THE 1970'S FOR MEGALOPOLIS OR CENTER CITY.
ED 020 868

DESEGREGATION AND INTEGRATION.
ED 021 012

EDUCATIONAL PROGRAMS

OPERATION PEP--A STATE-WIDE PROJECT TO PREPARE EDUCATIONAL PLANNERS FOR CALIFORNIA.
DPSC-67-4410 ED 020 584

DESIGN CONSIDERATIONS FOR THE INSTRUCTIONAL PROGRAM OF OPERATION PEP.
DPSC-67-4410 ED 020 586

TALENT SEARCH PROJECT. FINAL REPORT.
ED 020 733

PROGRESS AND PROSPECT, A SUMMARY OF THE PROCEEDINGS OF THE SECOND ANNUAL CONFERENCE OF THE COUNCIL ON LIBRARY TECHNOLOGY (TOLEDO, MAY 23-25, 1968).
ED 020 769

REPORT ON CONFERENCES ON SPECIAL EDUCATIONAL PROGRAMS FOR MIGRATORY CHILDREN OF MIGRATORY AGRICULTURAL WORKERS.
ED 020 808

SELECTED REFERENCES ON MIGRANT CHILDREN'S EDUCATION.
ED 020 809

SCIENCE INTERPRETIVE PROGRAM--SPERMACETI COVE INTERPRETIVE CENTER.
ED 020 898

HOME HEALTH AIDE TRAINING PROJECT. FINAL REPORT.
ED 021 071

EDUCATIONAL QUALITY

GHETTO SCHOOLS, AN AMERICAN TRAGEDY.
ED 020 962

ISSUES IN AMERICAN EDUCATION.
ED 020 965

EDUCATIONAL RADIO

ELEVEN BROADCASTING EXPERIMENTS.
ED 020 467

EDUCATIONAL RESEARCH

REFERENCES ON NETWORK PLANNING IN EDUCATION, RESEARCH MANAGEMENT, PROJECT SELECTION, AND PROGRAM MANAGEMENT. (TITLE SUPPLIED).
ED 020 580

EXPERIMENTAL RESEARCH IN EDUCATIONAL TELEVISION. RESEARCH RESUME NUMBER 37.
CTA-CACER-RR-37 ED 020 681

EDUCATIONAL RESOURCES

EVALUATION OF ERIC, JUNE 1968.
ED 020 449

ERIC--DEVELOPMENT THROUGH JUNE, 1968.
ED 020 450

REPORT TO THE CENTRAL MICHIGAN EDUCATIONAL RESOURCES COUNCIL ON THE FEASIBILITY OF AN INTERCONNECTED TELECOMMUNICATION SYSTEM FOR THE 39 COUNTY REGION OF MICHIGAN.
BR-5-1139 ED 020 662

EDUCATIONAL RESPONSIBILITY

SCHOOLS--AND DIGNITY--FOR ALL.
ED 021 010

EDUCATION'S STAKE IN THE CIVIL RIGHTS MOVEMENT, A PERSONAL TESTIMONIAL AND PLAN TO COLLEAGUES.
ED 021 011

A PERSPECTIVE FOR EDUCATORS ON THE RACIAL ISSUE IN EDUCATION.
ED 021 013

EDUCATIONAL SPECIFICATIONS

A COMPREHENSIVE STUDY FOR THE MASTER DEVELOPMENT PLAN, POLK JUNIOR COLLEGE, WINTER HAVEN, FLORIDA.
ED 020 635

FACILITIES AND EQUIPMENT FOR DISTRIBUTIVE EDUCATION PROGRAMS.
ED 020 647

EDUCATIONAL STATUS COMPARISON

RECENT TRENDS IN EDUCATIONAL STATUS OF MEXICAN-AMERICANS IN TEXAS.
ED 020 813

EDUCATIONAL STRATEGIES

COMMUNICATIVE COMPETENCE OF LOW-INCOME CHILDREN--ASSUMPTIONS AND PROGRAMS.
ED 020 775

THE TEACHING OF INQUIRY SKILLS TO ELEMENTARY SCHOOL CHILDREN. FINAL REPORT.
BR-5-0594 ED 020 805

A DYNAMIC CHARTER FOR RURAL EDUCATION.
ED 020 834

EDUCATIONAL TELEVISION

ELEVEN BROADCASTING EXPERIMENTS.
ED 020 467

A BIBLIOGRAPHY OF EDUCATIONAL TELEVISION AND RELATED COMMUNICATION SYSTEMS.
ED 020 652

THE FARTHER VISION, EDUCATIONAL TELEVISION TODAY.
ED 020 672

EXPERIMENTAL RESEARCH IN EDUCATIONAL TELEVISION. RESEARCH RESUME NUMBER 37.
CTA-CACER-RR-37 ED 020 681

EDUCATIONAL TELEVISION IN THE SMALL SCHOOL.
ED 020 822

PRIDE OF PERFORMANCE SURVEY. FINAL REPORT.
BR-6-3046 ED 021 040

EDUCATIONAL THEORIES

THE THEORY OF TRAINING AND THE TRAINER ROLE IN THE INDIANA PLAN INSTITUTE.
ED 020 476

DEVELOPING A THEORY OF EDUCATIONAL PRACTICE FOR THE ELEMENTARY SCHOOL. PROJECT REPORT TO THE FORD FOUNDATION FUND FOR THE ADVANCEMENT OF EDUCATION.
ED 020 564

EDUCATIONAL TRENDS

AN ANALYSIS OF THE RATIONALE AND PROCEDURES FOR LONG-RANGE PLANNING -- FOUND IN SELECTED CORPORATE ENTERPRISES, GOVERNMENT AGENCIES OR DEPARTMENTS, AND SCHOOL SYSTEMS--WHICH ARE APPROPRIATE FOR EDUCATIONAL AND ADMINISTRATIVE PLANNING IN LOCAL SCHOOL SYSTEMS.
BR-6-8317 ED 020 571

EDUCATIONALLY DISADVANTAGED

A LONG TERM STUDY OF THE RESULTS OF SPECIAL COUNSELING AND INSTRUCTIONAL TECHNIQUES USED WITH STUDENTS WITH SEEMINGLY LOW ACADEMIC POTENTIAL AS MEASURED BY MERRITT COLLEGE CLASSIFICATION TESTS.
ED 020 726

EFFECTIVE TEACHING

ANOTHER LOOK AT TEACHER EVALUATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-8 ED 020 720

PROMISES AND PUZZLES, THE PLIGHT OF THE INNER-CITY.
ED 020 961

TECHNIQUES FOR EFFECTIVE TEACHING.
ED 021 056

ELECTICAL SYSTEMS

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XII, LEARNING ABOUT BATTERY SERVICING AND TESTING (PART I).

AM-2-12 ED 021 113

ELECTRIC MOTORS

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, ASSIGNMENTS.
ED 021 034

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, INSTRUCTOR'S GUIDE.
ED 021 035

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, ASSIGNMENTS.
ED 021 036

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, INSTRUCTOR'S GUIDE.
ED 021 037

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, ASSIGNMENTS.
ED 021 038

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, INSTRUCTOR'S GUIDE.
ED 021 039

ELECTRICAL OCCUPATIONS

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, INSTRUCTOR'S GUIDE.
ED 021 022

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, ASSIGNMENTS.
ED 021 027

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, INSTRUCTOR'S GUIDE.
ED 021 028

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, ASSIGNMENTS.
ED 021 029

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, INSTRUCTOR'S GUIDE.
ED 021 030

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, ASSIGNMENTS.
ED 021 031

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, INSTRUCTOR'S GUIDE.
ED 021 032

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, ASSIGNMENTS.
ED 021 033

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, ASSIGNMENTS.
ED 021 034

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, INSTRUCTOR'S GUIDE.
ED 021 035

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, ASSIGNMENTS.
ED 021 036

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, INSTRUCTOR'S GUIDE.
ED 021 037

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, ASSIGNMENTS.
ED 021 038

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, INSTRUCTOR'S GUIDE.
ED 021 039

ELECTRICAL SYSTEMS

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XI, INTRODUCTION TO ELECTRICAL MAINTENANCE FOR OFF-HIGHWAY VEHICLES.
AM-2-11 ED 021 112

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIII, BATTERY SERVICE AND TESTING PROCEDURES--PART II.
AM-2-13 ED 021 114

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIV, UNDERSTANDING DC GENERATOR PRINCIPLES.
AM-2-14 ED 021 115

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XV, UNDERSTANDING DC GENERATOR PRINCIPLES (PART II).
AM-2-15 ED 021 116

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVI, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART I).
AM-2-16 ED 021 117

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVII, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART II).
AM-2-17 ED 021 118

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVIII, ALTERNATOR AND REGULATOR SERVICING AND TESTING, AND AN INTRODUCTION TO TRANSISTOR REGULATORS.
AM-2-18 ED 021 119

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XX, TROUBLESHOOTING ELECTRICAL SYSTEMS.
AM-2-20 ED 021 121

ELECTRICITY

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, INSTRUCTOR'S GUIDE.
ED 021 022

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, ASSIGNMENTS.
ED 021 029

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, INSTRUCTOR'S GUIDE.
ED 021 030

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, ASSIGNMENTS.
ED 021 031

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, INSTRUCTOR'S GUIDE.
ED 021 032

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, ASSIGNMENTS.
ED 021 033

THE DEVELOPMENT AND TESTING OF AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO HELP STUDENTS ACQUIRE BASIC ELECTRICAL OCCUPATIONAL COMPETENCIES. FINAL REPORT NO. 19.
BR-7-0031 ED 021 141

ELECTRONIC CONTROLS

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. BASIC CONTROL FUNCTIONS, UNIT 9A.
ED 021 023

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS. UNIT 9 B, ASSIGNMENTS.
ED 021 024

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9B, INSTRUCTOR'S GUIDE.
ED 021 025

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. REMOTE CONTROL BY INDUSTRIAL TELEMETRY. UNIT 9C.
ED 021 026

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, ASSIGNMENTS.
ED 021 034

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, INSTRUCTOR'S GUIDE.
ED 021 035

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, ASSIGNMENTS.
ED 021 036

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, INSTRUCTOR'S GUIDE.
ED 021 037

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, ASSIGNMENTS.
ED 021 038

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, INSTRUCTOR'S GUIDE.
ED 021 039

ELECTRONIC DATA PROCESSING

DATA PROCESSING CURRICULUM FOR EDUCATORS. FINAL REPORT.
BR-8-0449 ED 020 451

PLANNING FOR THE FUTURE--FORECASTING IMPLICATIONS DUE TO TECHNOLOGICAL CHANGE.
ED 020 741

PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
ED 020 760

ELECTRONIC EQUIPMENT

FUNDAMENTALS OF TELEVISION SYSTEMS.
ED 020 657

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 4, THE COLOMBIAN TEACHER AND THE UTILIZATION VOLUNTEER--MAKING ETV WORK IN THE SCHOOLS OF A DEVELOPING COUNTRY.
ED 020 666

TV EQUIPMENT, SYSTEMS, FACILITIES, AND PERSONNEL--A GUIDE FOR SCHOOL ADMINISTRATORS, A STUDY PREPARED FOR THE CALIFORNIA PUBLIC SCHOOLS INSTRUCTIONAL TV COMMITTEE.
ED 020 670

PLANNING FOR THE FUTURE--FORECASTING IMPLICATIONS DUE TO TECHNOLOGICAL CHANGE.
ED 020 741

ELECTRONIC TECHNICIANS

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. BASIC CONTROL FUNCTIONS, UNIT 9A.
ED 021 023

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9 B, ASSIGNMENTS.
ED 021 024

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9B, INSTRUCTOR'S GUIDE.
ED 021 025

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. REMOTE CONTROL BY INDUSTRIAL TELEMETRY, UNIT 9C.
ED 021 026

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, COMPUTERIZED CONTROL SERIES. LOGICAL FUNDAMENTALS OF DIGITAL COMPUTERS, UNIT 10A.
ED 021 065

ELEMENTARY EDUCATION

THE LINGUA PLAN.
GRN-0-301 ED 020 504

RESEARCH AND DEVELOPMENT ACTIVITIES IN R AND I UNITS OF TWO ELEMENTARY SCHOOLS OF MILWAUKEE, WISCONSIN, 1966-1967.
BR-5-0216 ED 020 911

ELEMENTARY GRADES

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH SIX, SAN YSIDRO, CALIFORNIA.
DE7-150-1-68-1M ED 020 845

CLASSROOM ORGANIZATION FOR READING INSTRUCTION--AN ANNOTATED BIBLIOGRAPHY.
IRA-AR-6 ED 020 878

ELEMENTARY SCHOOL GUIDANCE

RATIONALE FOR ELEMENTARY SCHOOL GUIDANCE. FINAL REPORT.
BR-7-0743 ED 020 553

ELEMENTARY SCHOOL MATHEMATICS

SETS, SUB-SETS AND OPERATIONS.
ED 020 885

PER CENT FRACTIONS.
ED 020 886

MANEUVERS ON A GEO-BOARD.
ED 020 887

THE MATH GO-ROUND, A UNIT OF MATHASBORG.
ED 020 888

VOLUME AND SURFACE AREA.
ED 020 889

METRIC GEOMETRY LINEAR MEASURE.
ED 020 890

IDEAS FROM NUMBER THEORY.
ED 020 891

METRIC GEOMETRY, CONCEPTS OF AREA MEASURE.
ED 020 892

DIVISIBILITY TESTS.
ED 020 893

CURVES, VERTICES, KNOTS AND SUCH.
ED 020 894

ANGLES, MEASURES.
ED 020 895

ACTION WITH WHOLE NUMBERS.
ED 020 896

ACTION WITH FRACTIONS, ADDITION AND SUBTRACTION.
ED 020 897

ELEMENTARY SCHOOL SCIENCE

A TEACHER'S HANDBOOK OF RESOURCES FOR THE TEACHING OF HEALTH K-6.
ED 020 883

SCIENCE EQUIPMENT IN THE ELEMENTARY SCHOOL.
ED 020 884

SCIENCE INTERPRETIVE PROGRAM--SPERMACETI COVE INTERPRETIVE CENTER.
ED 020 898

THE DETERMINATION OF SUITABLE LABORATORY EXPERIENCES FOR A PHYSICAL SCIENCE COURSE FOR PROSPECTIVE ELEMENTARY SCHOOL TEACHERS.
ED 020 899

ILLUSTRATIVE LESSON MATERIALS. A SUPPLEMENT TO SCIENCE FRAMEWORK FOR CALIFORNIA PUBLIC SCHOOLS, PRELIMINARY.
ED 020 900

TESTING FOR CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 906

LESSONS PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6.
BR-5-0216 ED 020 907

THE RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION IN TEACHING THE CLASSIFICATIONAL CONCEPTS OF PHYSICAL AND CHEMICAL CHANGE TO ELEMENTARY SCHOOL CHILDREN.
BR-5-0216 ED 020 908

THE USE OF AN ADVANCE ORGANIZER IN TEACHING SELECTED CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 909

THE RELATIONSHIPS BETWEEN CONCEPTS OF FORCE ATTAINED AND MATURITY AS INDICATED BY GRADE LEVELS.
BR-5-0216 ED 020 910

AN INVESTIGATION INTO THE RELATIONSHIP BETWEEN CONCEPT ATTAINMENT AND LEVEL OF MATURITY.
BR-5-0216 ED 020 912

SCIENCE EDUCATION INFORMATION ANALYSIS CENTER NEWSLETTER.
ED 020 916

ELEMENTARY SCHOOL STUDENTS

A PERSONALITY VARIABLE OF PREADOLESCENT YOUTH IN RELATION TO THE ELEMENTARY SCHOOL PROGRAM. FINAL REPORT.
BR-7-C-012 ED 020 551

DIMENSIONS OF PROBLEM BEHAVIOR IN THE ELEMENTARY SCHOOL.
ED 020 558

AN ANALYSIS OF A CLASS OF PROBLEM SOLVING BEHAVIOR. FINAL REPORT.
BR-5-0314 ED 020 776

COGNITIVE PROCESSES IN THE DEVELOPMENT OF CHILDREN'S APPRECIATION OF HUMOR.
ED 020 784

STUDY TO DETERMINE THE FEASIBILITY OF ADAPTING THE CARL ORFF APPROACH TO ELEMENTARY SCHOOLS IN AMERICA. FINAL REPORT.
BR-5-8263 ED 020 804

THE TEACHING OF INQUIRY SKILLS TO ELEMENTARY SCHOOL CHILDREN. FINAL REPORT.
BR-5-0594 ED 020 805

THE COLLECTION AND STATISTICAL EVALUATION OF QUANTITATIVE DATA FOR HAND-EYE COORDINATION WITH RESPECT TO DETERMINING ITS CORRELATION WITH READING DISABILITY AT BOTH THE PRIMARY AND SECONDARY SCHOOL LEVELS. FINAL REPORT.
BR-6-8324 ED 020 861

ELEMENTARY SCHOOL TEACHERS

SCHOOLS AS ORGANIZATIONS--SOME ILLUSTRATED STRATEGIES FOR EDUCATIONAL RESEARCH AND PRACTICE.
ED 020 565

THE TEACHER SUBCULTURE AND CURRICULUM CHANGE.
ED 020 588

WHAT HAVE WE LEARNED ABOUT FLES.
ED 020 695

ELEMENTARY SCHOOLS

DEVELOPING A THEORY OF EDUCATIONAL PRACTICE FOR THE ELEMENTARY SCHOOL. PROJECT REPORT TO THE FORD FOUNDATION FUND FOR THE ADVANCEMENT OF EDUCATION.
ED 020 564

TEAM TEACHING IN ELEMENTARY GRADES.
ED 020 800

THE EQUATION AT OAK RIDGE.
ED 020 986

EMOTIONAL DEVELOPMENT

THE FAMILY LIFE CYCLE--PERSPECTIVES DRAWN FROM FAMILY THERAPY, PRESCHOOL THROUGH ADOLESCENCE.
ED 020 536

EMOTIONAL MALADJUSTMENT

THE MARK OF OPPRESSION, EXPLORATIONS IN THE PERSONALITY OF THE AMERICAN NEGRO.
ED 020 953

EMOTIONALLY DISTURBED

ADAPTATION AND ADAPTABILITY, THE BELLEFAIRE FOLLOWUP STUDY.
ED 020 595

HIGH SCHOOL STUDENTS WHO LATER BECAME SCHIZOPHRENIC.
CSDE-BULL-29-8 ED 020 596

TRAINING IN THERAPEUTIC WORK WITH CHILDREN. CLINICAL APPROACHES TO

PROBLEMS OF CHILDHOOD, VOLUME 2. LANGLEY PORTER CHILD PSYCHIATRY SERIES.
ED 020 598

EMPATHY
TOWARD A TENTATIVE MEASUREMENT OF THE CENTRAL THERAPEUTIC INGREDIENTS.
ED 020 532

EMPLOYER ATTITUDES
THE DISTRIBUTIVE EDUCATION CURRICULUM AS EVALUATED BY BUSINESSMEN AND DISTRIBUTIVE EDUCATION STUDENTS OF UTAH. FINAL REPORT.
BR-6-3046 ED 021 135

EMPLOYERS
THE FURTHER EDUCATION OF THE GENERAL STUDENT, A REPORT ON COURSES IN COLLEGES OF FURTHER EDUCATION FOR YOUNG PEOPLE WHO NEED NO VOCATIONAL QUALIFICATION.
ED 020 468

EMPLOYMENT LEVEL
STATE-WIDE COMPUTERIZED MODEL FOR DETERMINING OCCUPATIONAL OPPORTUNITIES IN NEBRASKA.
ED 021 150

EMPLOYMENT OPPORTUNITIES
SURVEY OF LIBRARY PERSONNEL IN SIERRA COLLEGE EMPLOYMENT AREA.
ED 020 716

AN OPERATIONS RESEARCH MODEL FOR LOCATING AREA VOCATIONAL SCHOOLS.
ED 021 052

AN IN-DEPTH STUDY TO ASCERTAIN WHETHER THERE IS A NEED IN THE STATE OF UTAH FOR A POST HIGH SCHOOL PROGRAM IN ORNAMENTAL HORTICULTURE.
BR-6-3046 ED 021 062

V.I.E.W., VOCATIONAL INFORMATION FOR EDUCATION AND WORK.
BR-6-3046 ED 021 068

STATE-WIDE COMPUTERIZED MODEL FOR DETERMINING OCCUPATIONAL OPPORTUNITIES IN NEBRASKA.
ED 021 150

EMPLOYMENT PATTERNS
REVIEW OF MANPOWER DEVELOPMENTS IN 1967.
ED 021 146

EMPLOYMENT PRACTICES
LAW, VOL. 1, NO. 1, JANUARY, 1966.
ED 021 002

EMPLOYMENT PROBLEMS
BARRIERS TO EMPLOYMENT OF THE DISADVANTAGED.
ED 021 143

EMPLOYMENT PROGRAMS
MANPOWER AND THE PUBLIC EMPLOYMENT SERVICE IN EUROPE, A STUDY OF PROGRAMS AND OPERATIONS.
ED 021 047

NEW DEVELOPMENTS IN MANPOWER PROGRAMS.
ED 021 147

EMPLOYMENT PROJECTIONS
QUANTITATIVE STUDY--AIRCRAFT INDUSTRY EMPLOYMENT NEEDS IN UTAH, COLORADO AND NEVADA. FINAL REPORT.
BR-6-3046 ED 021 129

STATE-WIDE COMPUTERIZED MODEL FOR DETERMINING OCCUPATIONAL OPPORTUNITIES IN NEBRASKA.
ED 021 150

EMPLOYMENT QUALIFICATIONS
AN IN-DEPTH STUDY TO ASCERTAIN WHETHER THERE IS A NEED IN THE STATE OF UTAH FOR A POST HIGH SCHOOL PROGRAM IN ORNAMENTAL HORTICULTURE.
BR-6-3046 ED 021 062

V.I.E.W., VOCATIONAL INFORMATION FOR EDUCATION AND WORK.
BR-6-3046 ED 021 068

EMPLOYMENT SERVICES
MANPOWER AND THE PUBLIC EMPLOYMENT SERVICE IN EUROPE, A STUDY OF PROGRAMS AND OPERATIONS.
ED 021 047

EMPLOYMENT TRENDS
REVIEW OF MANPOWER DEVELOPMENTS IN 1967.
ED 021 146

ENGINEERING TECHNICIANS
CIVIL ENGINEERING TECHNOLOGY CONSULTANTS' WORKSHOP, REPORT OF PROCEEDINGS (ATLANTA, MAY 17-20, 1967).
ED 020 729

ENGLISH
ENGLISH NOUN INFLECTION AND RELATED MATTERS FROM A GENERATIVE SEMANTIC POINT OF VIEW.
POLA-2-6 ED 020 506

ENGLISH QUESTIONS.
POLA-2-6 ED 020 507

THE SOUND PATTERN OF ENGLISH.
ED 020 511

THE REFLEXIVE IN ENGLISH AND SPANISH--A TRANSFORMATIONAL APPROACH.
ED 020 514

ENGLISH GRAMMAR II.
AFCRL-68-0070 ED 020 520

LEARNABILITY OF A TRANSFORMATIONALLY GENERATED SUBSET OF ENGLISH.
AFCRL-68-0070 ED 020 521

ENGLISH (SECOND LANGUAGE)
A FACT SHEET CONCERNING CLOSED CIRCUIT INSTRUCTIONAL TELEVISION FOR ENGLISH LANGUAGE TEACHING.
ED 020 490

FROM THEORY TO PRACTICE--SOME CRITICAL OBSERVATIONS ON THE ORGANIZATION AND ASSESSMENT OF TEACHING PRACTICE FOR PROSPECTIVE ENGLISH LANGUAGE TEACHERS.
ED 020 493

BASIC EDUCATION FOR SPANISH-SPEAKING DISADVANTAGED PUPILS.
ED 020 497

TEACHING THE PRESENT PERFECT TENSES.
ED 020 500

RUNNING A LANGUAGE LABORATORY.
ED 020 505

CRITERION-REFERENCED TESTING OF LANGUAGE SKILLS.
ED 020 515

PREDICTING PRONUNCIATION AND LISTENING SKILLS OF NATIVE SPEAKERS OF SPANISH--AN EXPLORATORY STUDY.
ED 020 516

CONTROLLING CULTURAL VARIATIONS IN THE PREPARATION OF TESOL MATERIALS.
ED 020 517

SPEAK UP, CHICANO.
ED 020 816

A STRUCTURAL COURSE FOR VOCATIONAL ENGLISH.
ED 020 817

CALIFORNIA PLAN FOR THE EDUCATION OF MIGRANT CHILDREN. ANNUAL EVALUATION REPORT, FISCAL YEAR ENDING JUNE 30, 1967.
ED 020 831

NUEVAS VISTAS (NEW VIEWS), A REPORT OF THE ANNUAL CONFERENCE OF THE CALIFORNIA STATE DEPARTMENT OF EDUCATION (1ST, LOS ANGELES, APRIL 13-14, 1967).
75205-1810-300-4-68-2M ED 020 844

ENGLISH CURRICULUM
TRANSFORMATIONAL GRAMMAR--A GUIDE FOR TEACHERS.
ED 020 522

STUDY OF THE PROGRESS OF FRESHMAN ENGLISH STUDENTS AT WINGATE COLLEGE.
ED 020 714

A STRUCTURAL COURSE FOR VOCATIONAL ENGLISH.
ED 020 817

ENGLISH EDUCATION
REPORT OF A PRELIMINARY SURVEY ON DOCTORAL PREPARATION IN ENGLISH EDUCATION.
ED 020 921

SUMMARY OF REPORTS ON THIRTEEN DOCTORAL PROGRAMS IN ENGLISH EDUCATION.
ED 020 922

ENGLISH INSTRUCTION
STUDY OF THE PROGRESS OF FRESHMAN ENGLISH STUDENTS AT WINGATE COLLEGE.
ED 020 714

SUGGESTED READINGS IN THE LITERATURES OF AFRICA, CHINA, INDIA, JAPAN. CURRICULUM BULLETIN, 1967-68 SERIES.
BULL-13 ED 020 919

SUB-CULTURAL PATTERNS WHICH AFFECT LANGUAGE AND READING DEVELOPMENT.
ED 020 920

CENSORSHIP OF LIBRARY BOOKS AND TEXTBOOKS IN AMERICAN SCHOOLS.
ED 020 923

TEACHING THE "UNTEACHABLE," THE STORY OF AN EXPERIMENT IN CHILDREN'S WRITING.
ED 020 928

OBSCENITY, THE LAW AND THE ENGLISH TEACHER--TWO PAPERS.
ED 020 929

A LANGUAGE UNIT IN THE JUNIOR HIGH SCHOOL.
ED 020 930

TEACHING "MOBY DICK," A METHOD AND AN APPROACH.
ED 020 932

BOOKS FOR TEACHERS OF ENGLISH, AN ANNOTATED BIBLIOGRAPHY. INDIANA UNIVERSITY ENGLISH CURRICULUM STUDY SERIES.
BR-5-0677-4 ED 020 933

THE DEVELOPMENT AND TESTING OF APPROACHES TO THE TEACHING OF ENGLISH IN THE JUNIOR HIGH SCHOOL. FINAL REPORT.
PROJ-NO-H-026 ED 020 934

COLLEGE PROGRAMS IN FRESHMAN COMPOSITION.
ED 020 939

FRESHMAN ENGLISH AT THE STATE UNIVERSITY OF NEW YORK, BUFFALO.

ED 020 940

FRESHMAN ENGLISH AT THE UNIVERSITY OF HAWAII.
ED 020 941

FRESHMAN ENGLISH AT NINE INSTITUTIONS WHICH HAVE ELIMINATED THE TRADITIONAL COURSE IN FRESHMAN COMPOSITION--ANTIOCH, ELMIRA, JUNIATA, AND SWARTHMORE COLLEGES AND BAKER, CLARK, EMORY, MARYLAND, AND TULANE UNIVERSITIES.
ED 020 942

FRESHMAN ENGLISH AT FOURTEEN TWO-YEAR COLLEGES--JUNIOR COLLEGE OF ALBANY, AMARILLO, BAKERSFIELD, BECKLEY, CALIFORNIA CONCORDIA, CAZENOVIA, GRAND VIEW, HARCUM, LAKEWOOD STATE, MIAMI-DADE, AND COLBY, JEFFERSON, MONROE COUNTY, AND PORTLAND COMMUNITY COLLEGES.
ED 020 944

FRESHMAN ENGLISH AT THE UNIVERSITY OF KENTUCKY, OHIO STATE UNIVERSITY, PURDUE UNIVERSITY, AND SOUTHERN ILLINOIS UNIVERSITY.
ED 020 945

FRESHMAN ENGLISH AT SEVEN COLLEGES--AUGUSTANA COLLEGE, CENTRAL WASHINGTON STATE COLLEGE, CLARKE COLLEGE, STATE COLLEGE AT FRAMINGHAM, HARDING COLLEGE, EMPORIA STATE TEACHERS COLLEGE, AND KINGS COLLEGE.
ED 020 946

FRESHMAN ENGLISH AT TWELVE UNIVERSITIES--BOB JONES, DUQUESNE, JOHN CARROLL, KANSAS STATE, MARQUETTE, NORTHERN ILLINOIS, WASHINGTON, AND WASHINGTON STATE UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF ALABAMA, DAYTON, MINNESOTA (DULUTH), AND MISSISSIPPI.
ED 020 947

FRESHMAN ENGLISH AT EIGHT UNIVERSITIES--SOUTH DAKOTA STATE, SOUTHERN ILLINOIS (EDWARDSVILLE), TUFTS, AND WAKE FOREST UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF NORTH CAROLINA, SANTA CLARA, SOUTH FLORIDA, AND SOUTHERN CALIFORNIA.
ED 020 948

ENGLISH PROGRAMS

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME ONE, LEARNER'S HANDBOOK.
ED 020 523

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME TWO, SCRIPTS OF ALL AUDIO PROGRAMS.
ED 020 524

COLLEGE PROGRAMS IN FRESHMAN COMPOSITION.
ED 020 939

FRESHMAN ENGLISH AT THE STATE UNIVERSITY OF NEW YORK, BUFFALO.
ED 020 940

FRESHMAN ENGLISH AT THE UNIVERSITY OF HAWAII.
ED 020 941

FRESHMAN ENGLISH AT NINE INSTITUTIONS WHICH HAVE ELIMINATED THE TRADITIONAL COURSE IN FRESHMAN COMPOSITION--ANTIOCH, ELMIRA, JUNIATA, AND SWARTHMORE COLLEGES AND BAKER, CLARK, EMORY, MARYLAND, AND TULANE UNIVERSITIES.
ED 020 942

FRESHMAN ENGLISH AT THE UNIVERSITY OF TULSA, COLUMBIA BASIN COLLEGE, AND WESTERN STATE COLLEGE OF COLORADO.
ED 020 943

ENRICHMENT EXPERIENCE

OPERATION PEBBLE. SUMMARY REPORT.
ED 020 839

NEW ORLEANS SERVES UP FINE ARTS TO FEED YOUNG EGOS.
ED 020 988

ENRICHMENT PROGRAMS

MAKING WAVES, DENVER HEAD START.
ED 020 842

SHOES DON'T MATTER WHEN A BRIGHT KID IS UPWARD BOUND.
ED 020 967

ENROLLMENT INFLUENCES

AN OPERATIONS RESEARCH MODEL FOR LOCATING AREA VOCATIONAL SCHOOLS.
ED 021 052

ENROLLMENT TRENDS

POLAND--FURTHER DEVELOPMENT OF EDUCATION FOR WORKERS.
TT-67-33909 ED 020 465

ENVIRONMENT

THE CO-ORDINATED CLASSROOM.
ED 020 621

ENVIRONMENTAL CRITERIA

ENVIRONMENTAL EVALUATIONS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 2.
SER-2 ED 020 630

ENVIRONMENTAL INFLUENCES

COLOR PLANNING FOR HOSPITALS AND SCHOOLS.
ED 020 623

ENVIRONMENTAL EVALUATIONS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 2.
SER-2 ED 020 630

PRE-SCHOOL EDUCATION.
ED 020 785

NOTES AND WORKING PAPERS CONCERNING THE ADMINISTRATION OF PROGRAMS AUTHORIZED UNDER VOCATIONAL EDCATION ACT OF 1963. PUBLIC LAW 88-210, AS AMENDED.
ED 021 151

ENVIRONMENTAL RESEARCH

ENVIRONMENTAL ABSTRACTS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 1.
SER-1 ED 020 629

ENVIRONMENTAL EVALUATIONS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 2.
SER-2 ED 020 630

EQUAL EDUCATION

SPEAK UP, CHICANO.
ED 020 816

A DIVISIVE ISSUE, FREEDOM OF CHOICE.
ED 020 968

EQUATED SCORES

ACHIEVEMENT OF STUDENTS FROM GROUPS INSTRUCTED BY PROGRAMED MATERIALS, CLASSROOM TEACHER, OR BOTH. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION. TECHNICAL REPORT NO. 12.
NDEA-7A-806 ED 020 675

EQUIPMENT MAINTENANCE

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT I, UNDERSTANDING MECHANICAL CLUTCHES.
AM-2-1 ED 021 102

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT II, MECHANICAL TRANSMISSIONS.
AM-2-2 ED 021 103

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT V, AUTOMATIC TRANSMISSIONS--TORQUE CONVERTER.
AM-2-5 ED 021 106

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VI, AUTOMATIC TRANSMISSIONS--PLANETARY GEARING.
AM-2-6 ED 021 107

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VII, AUTOMATIC TRANSMISSIONS--ALLISON, TORQUMATIC SERIES 5960 AND 6060 (PART I).
AM-2-7 ED 021 108

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VIII, AUTOMATIC TRANSMISSIONS--ALLISON TORQUMATIC SERIES 5960, 6060, AND 8860 (PART II).
AM-2-8 ED 021 109

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIX, LEARNING ABOUT CRANKING MOTORS.
AM-2-19 ED 021 120

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXI, MICHIGAN/CLARK TRANSMISSION--COMPLETE POWER TRAIN.
AM-2-21 ED 021 122

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXII, MICHIGAN/CLARK TRANSMISSION--CONVERTER/TRANSMISSION.
AM-2-22 ED 021 123

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIII, MICHIGAN/CLARK TRANSMISSION--HYDRAULIC SHIFT.
AM-2-23 ED 021 124

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIV, MICHIGAN/CLARK TRANSMISSION--OIL FLOW THROUGH THE CONTROL COVER ASSEMBLY.
AM-2-24 ED 021 125

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXV, MICHIGAN/CLARK TRANSMISSION--TROUBLESHOOTING.
AM-2-25 ED 021 126

EQUIPMENT PROJECTIONS

PROJECTIONS OF PUBLIC SCHOOL FACILITIES NEEDS, 1968-69 THROUGH 1972-73.
ED 020 649

EQUIPMENT UTILIZATION

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 4, THE COLOMBIAN TEACHER AND THE UTILIZATION VOLUNTEER--MAKING ETV WORK IN THE SCHOOLS OF A DEVELOPING COUNTRY.
ED 020 666

ETHNIC GROUPS

RECENT TRENDS IN EDUCATIONAL STATUS OF MEXICAN-AMERICANS IN TEXAS.
ED 020 813

A RESTUDY OF THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-582 ED 020 824

THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-325 ED 020 836

ETHNIC PATTERNS IN AMERICAN CITIES.
ED 020 954

EVALUATION

ADULT EDUCATION IN HOMEMAKING IN UPSHUR COUNTY IN WEST VIRGINIA, EVALUATION OF INTERESTS AND NEEDS FOR ADULT HOMEMAKING EDUCATION IN UPSHUR COUNTY, 1960-1961.
ED 020 486

NOTES AND WORKING PAPERS CONCERNING THE ADMINISTRATION OF PROGRAMS AUTHORIZED UNDER VOCATIONAL EDCATION ACT OF 1963. PUBLIC LAW 88-210, AS AMENDED.
ED 021 151

EVALUATION METHODS

LARGE LECTURE SECTION QUESTIONNAIRE. SUMMARY OF RESPONSES.
ED 020 640

INFORMATION STORAGE AND RETRIEVAL, REPORTS ON EVALUATION, CLUSTERING, AND FEEDBACK.
ISR-12 ED 020 748

EVALUATION TECHNIQUES

THREE METHODS OF PROCESSING STUDENT RESPONSE DATA IN PROGRAMED INSTRUCTION. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 7.
NDEA-7A-806 ED 020 674

EVENING CLASSES

EVENING CLASS SCHEDULES OF LARGE COLLEGES AND UNIVERSITIES.
ED 020 744

EVENING COLLEGES

A SURVEY OF "SPECIAL" EDUCATIONAL PROGRAMS FOR ADULT WOMEN IN UNIVERSITY EXTENSION DIVISIONS AND EVENING COLLEGES.
ED 020 459

REALITY AND THE AUEC.
ED 020 463

A STUDY IN ORGANIZATIONAL INTERACTION BETWEEN AN EVENING COLLEGE AND ITS PARENT INSTITUTION. FINAL REPORT.
BR-6-8725 ED 020 572

A SURVEY OF EVENING COLLEGE COUNSELING SERVICES IN CALIFORNIA JUNIOR COLLEGES.
ED 020 736

EVENING COUNSELING PROGRAMS

A SURVEY OF EVENING COLLEGE COUNSELING SERVICES IN CALIFORNIA JUNIOR COLLEGES.
ED 020 736

EVENING STUDENTS

A SURVEY OF EVENING COLLEGE COUNSELING SERVICES IN CALIFORNIA JUNIOR COLLEGES.
ED 020 736

EXCEPTIONAL CHILD EDUCATION

ADVANCED PLACEMENT IN OHIO.
ED 020 589

EARLY SCHOOL ADMISSION FOR MENTALLY ADVANCED CHILDREN, A REVIEW OF RESEARCH AND PRACTICE.
ED 020 591

DEVEREUX READABILITY INDEX.
ED 020 593

MILD MENTAL RETARDATION--A GROWING CHALLENGE TO THE PHYSICIAN.
GAP-REP-NO-66 ED 020 600

THE REMEDIATION OF LEARNING DISABILITIES, A HANDBOOK OF PSYCHOEDUCATIONAL RESOURCE PROGRAMS.
ED 020 601

EARLY IDENTIFICATION AND MITIGATION OF LEARNING PROBLEMS, ANNUAL SYMPOSIUM (3RD, NEW BRUNSWICK, NEW JERSEY, MAY 19, 1967).
ED 020 602

PROCEEDINGS, 1967 INTERNATIONAL CONVOCATION ON CHILDREN AND YOUNG ADULTS WITH LEARNING DISABILITIES (PITTSBURGH, PENNSYLVANIA, FEBRUARY 24-26, 1967).
ED 020 603

UNDERSTANDING CHILDREN'S ART FOR BETTER TEACHING.
ED 020 604

PROGRESS IN LEARNING DISABILITIES. VOLUME I.
ED 020 605

OUR FIRST 100 YEARS, HIGHLIGHTS OF CENTENNIAL TEACHERS INSTITUTE (MARYLAND SCHOOL FOR THE DEAF, FREDERICK, MARYLAND, MARCH 7-8, 1968).
ED 020 607

INSTITUTE ON THE UTILIZATION OF SUPPORTIVE PERSONNEL IN SCHOOL SPEECH AND HEARING PROGRAMS (WASHINGTON, D.C., SEPTEMBER 6-8, 1967).
BR-6-1784 ED 020 609

REPORT OF THE GOVERNOR'S COMMISSION TO STUDY THE EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN.
ED 020 611

EXCEPTIONAL CHILD RESEARCH

EDUCATIONAL PROBLEMS AND PLANNING FOR GIFTED STUDENTS--SELECTED PAPERS FROM GRADUATE LEADERSHIP TRAINING PROGRAM ON THE GIFTED.
ED 020 590

RESEARCH BULLETIN. NUMBER 14.
ED 020 592

THE MENTALLY RETARDED IN PSYCHIATRIC HOSPITALS. THE SOUTHERN REGIONAL CONFERENCE ON MENTAL HEALTH STATISTICS.
ED 020 594

ADAPTATION AND ADAPTABILITY, THE BELLEFAIRE FOLLOWUP STUDY.
ED 020 595

HIGH SCHOOL STUDENTS WHO LATER BECAME SCHIZOPHRENIC.
CSDE-BULL-29-8 ED 020 596

LINGUISTIC ANALYSIS OF VERBAL INTERACTION IN SPECIAL CLASSES FOR THE MENTALLY RETARDED.
BR-7-0130 ED 020 597

A STUDY OF THE EFFECTS OF TWO EXPERIMENTAL CURRICULUM UNITS ON THE SOCIAL PERCEPTION AND OCCUPATIONAL READINESS OF EDUCABLE MENTALLY RETARDED ADOLESCENTS.
BR-6-8926 ED 020 599

CAPIC--FIRST YEAR REPORT, SEPTEMBER 1967.
RPS-PROJ-66-2012 ED 020 606

SENSORINEURAL HEARING PROCESSES AND DISORDERS, HENRY FORD HOSPTIAL INTERNATIONAL SYMPOSIUM (DETROIT, MICHIGAN, MARCH 25-27, 1965).
ED 020 608

A REPORT ON CONTINGENCY MANAGEMENT OF VERBAL BEHAVIOR.
BR-6-1784 ED 020 610

RESEARCH BULLETIN. NUMBER 4.
ED 020 612

RESEARCH BULLETIN. NUMBER 12.
ED 020 613

RESEARCH BULLETIN. NUMBER 2.
ED 020 614

RESEARCH BULLETIN. NUMBER 3.
ED 020 615

RESEARCH BULLETIN. NUMBER 11.
ED 020 616

EXCEPTIONAL CHILD SERVICES

TRAINING IN THERAPEUTIC WORK WITH CHILDREN. CLINICAL APPROACHES TO PROBLEMS OF CHILDHOOD, VOLUME 2. LANGLEY PORTER CHILD PSYCHIATRY SERIES.
ED 020 598

EXPENDITURES

A STUDY OF THE EXPENSE OF STUDENT PERSONNEL SERVICES IN SELECTED CALIFORNIA PUBLIC JUNIOR COLLEGES.
ED 020 737

CONCURRENT WORK-EDUCATION (PROGRAMS IN THE 50 STATES 1965-66). INITIAL DRAFT.
ED 021 049

EXPERIMENTAL CURRICULUM

TRIAL AND TESTING OF AN EXPERIMENTAL GUIDANCE CURRICULUM. FINAL REPORT.
BR-7-8091 ED 020 554

THE DEVELOPMENT AND TESTING OF APPROACHES TO THE TEACHING OF ENGLISH IN THE JUNIOR HIGH SCHOOL. FINAL REPORT.
PROJ-NO-H-026 ED 020 934

EXPERIMENTAL PROGRAMS

THE EFFECTIVENESS OF THE TELEVISED CLINICAL SEMINARS OF THE NEW YORK ACADEMY OF MEDICINE.
ED 020 457

ELEVEN BROADCASTING EXPERIMENTS.
ED 020 467

THE LINGUA PLAN.
GRN-0-301 ED 020 504

SETTING THE STAGE FOR LENGTHENED SCHOOL YEAR PROGRAMS--A SPECIAL REPORT PREPARED FOR THE GOVERNOR AND THE LEGISLATURE OF THE STATE OF NEW YORK.
ED 020 578

EXTENDED SCHOOL YEAR DESIGNS--AN INTRODUCTION TO NEW PLANS OF SCHOOL ORGANIZATION WHICH CAN RESULT IN FINANCIAL ECONOMIES AND PROVIDE MORE EDUCATION FOR ALL PUPILS.
ED 020 587

EDUCATION FOR INITIATIVE AND RESPONSIBILITY, COMMENTS ON A VISIT TO THE SCHOOLS OF LEICESTERSHIRE COUNTY, APRIL 1967. SECOND EDITION.
ED 020 795

ASSESSMENT OF CHILDREN PARTICIPATING IN A COMPREHENSIVE ATTACK ON FAMILIAL POVERTY.
ED 020 998

AN EXPERIMENTAL PROGRAM IN VOCATIONAL EDUCATION. FINAL REPORT.
ED 021 048

EXPERIMENTAL PSYCHOLOGY

LEARNABILITY OF A TRANSFORMATIONALLY GENERATED SUBSET OF ENGLISH.
AFCRL-68-0070 ED 020 521

EXPERIMENTAL SCHOOLS

EDUCATION, CHILDREN AND COMFORT.
ED 020 644

EXTENDED SCHOOL YEAR

SETTING THE STAGE FOR LENGTHENED SCHOOL YEAR PROGRAMS--A SPECIAL REPORT PREPARED FOR THE GOVERNOR AND THE LEGISLATURE OF THE STATE OF NEW YORK.
ED 020 578

EXTENDED SCHOOL YEAR DESIGNS--AN INTRODUCTION TO NEW PLANS OF SCHOOL ORGANIZATION WHICH CAN RESULT IN FINANCIAL ECONOMIES AND PROVIDE MORE EDUCATION FOR ALL PUPILS.
ED 020 587

EXTENSION AGENTS

THE INFLUENCE OF SELECTED FACTORS ON THE NORTH CAROLINA COUNTY EXTENSION WORKER'S DEFINITION OF THE ROLE OF COOPERATIVE EXTENSION.
ED 020 456

EYE HAND COORDINATION

THE COLLECTION AND STATISTICAL EVALUATION OF QUANTITATIVE DATA FOR HAND-EYE COORDINATION WITH RESPECT TO DETERMINING ITS CORRELATION WITH READING DISABILITY AT BOTH THE PRIMARY AND SECONDARY SCHOOL LEVELS. FINAL REPORT.
BR-6-8824 ED 020 861

FACILITIES

TO CREATE A SCHOOL, A DESIGN FOR WORKING RELATIONSHIPS.
ED 020 619

TV EQUIPMENT, SYSTEMS, FACILITIES, AND PERSONNEL--A GUIDE FOR SCHOOL ADMINISTRATORS. A STUDY PREPARED FOR THE CALIFORNIA PUBLIC SCHOOLS INSTRUCTIONAL TV COMMITTEE.
ED 020 670

FACILITY EXPANSION

AN EVALUATION STUDY OF THE COLLEGE FACILITIES PROGRAM. FINAL REPORT.
ED 020 627

PARKING FACILITY PROJECTIONS BASED ON THE 1968 STUDENT PARKING SURVEY.
ED 020 743

FACILITY GUIDELINES

TO CREATE A SCHOOL, A DESIGN FOR WORKING RELATIONSHIPS.
ED 020 619

PLANNING THE CAMPUS BY COMPUTER.
ED 020 631

HOW THEY PLANNED THEIR FOOD SERVICE.
ED 020 637

CAPITAL IMPROVEMENTS PROGRAM FOR THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION, 1965-75. PHASE TWO.
ED 020 641

FACILITIES AND EQUIPMENT FOR DISTRIBUTIVE EDUCATION PROGRAMS.
ED 020 647

PROJECTIONS OF PUBLIC SCHOOL FACILITIES NEEDS, 1968-69 THROUGH 1972-73.
ED 020 649

FACILITY INVENTORY

MANUAL FOR STUDIES OF SPACE UTILIZATION IN COLLEGES AND UNIVERSITIES.
ED 020 617

SPACE INVENTORY AND UTILIZATION MANUAL FOR THE COMPREHENSIVE FACILITIES PLANNING STUDY.
ED 020 626

CAPITAL IMPROVEMENTS PROGRAM FOR THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION, 1965-75. PHASE TWO.
ED 020 641

FACILITY UTILIZATION RESEARCH

MANUAL FOR STUDIES OF SPACE UTILIZATION IN COLLEGES AND UNIVERSITIES.
ED 020 617

FACTOR ANALYSIS

ANALYSIS OF PATTERNS OF LIFE HISTORY ANTECENDENTS OF EXECUTIVES FROM DIFFERENT COUNTRIES.
ED 020 547

A NEW FACTOR ANALYSIS OF THE SVIB--SUGGESTED MODIFICATION OF EXISTING GROUPS AND IMPLICATIONS FOR COUNSELING.
ED 020 548

FACTOR STRUCTURE

ANALYSIS OF PATTERNS OF LIFE HISTORY ANTECENDENTS OF EXECUTIVES FROM DIFFERENT COUNTRIES.
ED 020 547

FACULTY INTEGRATION

DESEGREGATING FACULTIES.
ED 021 018

FACULTY PROMOTION

ACADEMIC RANK CRITERIA IN AMERICAN JUNIOR COLLEGES.
ECC-65-24 ED 020 719

FAILURE FACTORS

PREVENTION OF FAILURE.
ED 020 777

FAMILY (SOCIOLOGICAL UNIT)

MILD MENTAL RETARDATION--A GROWING CHALLENGE TO THE PHYSICIAN.
GAP-REP-NO-66 ED 020 600

HOME EDUCATION LIVELIHOOD PROGRAM IN NEW MEXICO FOR UNDEREMPLOYED SEASONAL AGRICULTURE WORKERS.
GNM-8523 ED 020 807

OUR CHANGING RURAL SOCIETY--PERSPECTIVES AND TRENDS.
ED 020 854

FAMILY CHARACTERISTICS

THE RURAL FAMILY IN 1965.
ED 020 841

FAMILY COUNSELING

A STRUCTURED FAMILY INTERVIEW IN THE ASSESSMENT OF SCHOOL LEARNING DISORDERS.
ED 020 534

FAMILY LIFE

THE FAMILY LIFE CYCLE--PERSPECTIVES DRAWN FROM FAMILY THERAPY, PRESCHOOL THROUGH ADOLESCENCE.
ED 020 536

FAMILY LIFE EDUCATION

AN OVERVIEW OF PROJECT ENABLE.
ED 020 471

RECRUITING LOW-INCOME FAMILIES FOR FAMILY LIFE EDUCATION PROGRAMS, FOUR REPORTS.
ED 020 996

FAMILY MANAGEMENT

FAMILY GOALS AND SOME FACTORS ASSOCIATED WITH THEIR ACCOMPLISHMENT.
ED 020 479

FAMILY PLANNING

RECRUITING LOW-INCOME FAMILIES FOR FAMILY LIFE EDUCATION PROGRAMS, FOUR REPORTS.
ED 020 996

FAMILY PROGRAMS

THE IMPORTANCE OF MAINTAINING LONG-TERM TREATMENT SERVICES FOR THE ECONOMICALLY DEPRIVED FAMILY.
ED 020 542

ASSESSMENT OF CHILDREN PARTICIPATING IN A COMPREHENSIVE ATTACK ON FAMILIAL POVERTY.
ED 020 908

FAMILY RELATIONSHIP

A STRUCTURED FAMILY INTERVIEW IN THE ASSESSMENT OF SCHOOL LEARNING DISORDERS.
ED 020 534

THE FAMILY LIFE CYCLE--PERSPECTIVES DRAWN FROM FAMILY THERAPY, PRESCHOOL THROUGH ADOLESCENCE.
ED 020 536

FAMILY SCHOOL RELATIONSHIP

TOWARD A THEORY OF HOME, SCHOOL, AND COMMUNITY INTERRELATIONS.
ED 020 526

FARM LABOR

NEW YORK STATE INTERDEPARTMENTAL COMMITTEE ON FARM AND FOOD PROCESSING LABOR. 1967 REPORT.
ED 020 849

FARM MANAGEMENT

CONTINUING EDUCATION OF ADULTS.
ED 020 455

MANAGERIAL PERCEPTION AND SUCCESS IN FARMING, FINAL CHAPTER AND APPENDICES OF A PH.D. DISSERTATION. RESEARCH SERIES IN AGRICULTURAL EDUCATION.
ED 021 057

FARMERS

FAMILY GOALS AND SOME FACTORS ASSOCIATED WITH THEIR ACCOMPLISHMENT.
ED 020 479

MANAGERIAL PERCEPTION AND SUCCESS IN FARMING, FINAL CHAPTER AND APPENDICES OF A PH.D. DISSERTATION. RESEARCH SERIES IN AGRICULTURAL EDUCATION.
ED 021 057

CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED IN SEVEN TYPES OF AGRICULTURAL PRODUCTION--GRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, AND GENERAL FARMING. REPORT NO. 27.
ED 021 067

FEASIBILITY STUDIES

KAUAI COMMUNITY COLLEGE, SITE SELECTION REPORT.
ED 020 642

REPORT TO THE CENTRAL MICHIGAN EDUCATIONAL RESOURCES COUNCIL ON THE FEASIBILITY OF AN INTERCONNECTED TELECOMMUNICATION SYSTEM FOR THE 39 COUNTY REGION OF MICHIGAN.
BR-5-1139 ED 020 662

A JUNIOR COLLEGE PROPOSAL FOR BOONE AND WINNEBAGO COUNTIES, JOINT REPORT OF THE NORTHERN ILLINOIS JUNIOR COLLEGE COMMITTEE AND NORTHERN ILLINOIS UNIVERSITY.
ED 020 712

STUDY TO DETERMINE THE FEASIBILITY OF ADAPTING THE CARL ORFF APPROACH TO ELEMENTARY SCHOOLS IN AMERICA. FINAL REPORT.
BR-5-8263 ED 020 804

FEDERAL AID

DESEGREGATION, A NEW APPROACH, A NEW DEADLINE.
ED 020 966

FEDERAL COURT LITIGATION
HOBSON V. HANSEN--WHAT IS LAW FOR.
ED 020 978

DESEGREGATING FACULTIES.
ED 021 018

FEDERAL LAWS
THE CIVIL RIGHTS FIASCO IN PUBLIC EDUCATION, DESEGREGATION SINCE 1964.
ED 021 009

TITLE IV, THE "HELP" PROGRAM IS EXPANDED.
ED 021 019

FEDERAL PROGRAMS
WORDS AND MORPHEMES IN READING.
ED 020 864

"PROGRAM AIDES" FOR WORK WITH LOW-INCOME FAMILIES.
ED 020 994

FEDERAL-STATE PROGRAMS FOR DEVELOPING HUMAN RESOURCES.
ED 021 044

GEOGRAPHIC FACTORS IN EMPLOYMENT AND MANPOWER DEVELOPMENT.
ED 021 145

NEW DEVELOPMENTS IN MANPOWER PROGRAMS.
ED 021 147

FEEDBACK
CONFORMITY, DEVIATION AND LEADERSHIP AS A FUNCTION OF FEEDBACK IN GROUPS.
ED 020 472

EXPLORATION OF THE UTILIZATION OF PERSONNEL IN THE SUPERVISION OF STUDENT TEACHERS WHEN FEEDBACK VIA FILMS AND SYSTEMS FOR THE ANALYSIS OF TEACHING ARE INTRODUCED INTO THE STUDENT TEACHING PROGRAM. FINAL REPORT.
BR-5-1079 ED 020 575

THE PEACE CORPS EDUCATIONAL TELEVISION PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 10, FEEDBACK TO THE PEACE CORPS ON PROJECT PROGRESS--SOME MODELS AND SUGGESTIONS.
ED 020 069

FEMALES
A STUDY OF THE PERSONALITY DIFFERENCES BETWEEN A GROUP OF WOMEN WHO HAD PARTICIPATED IN SEWING CLASSES IN AN ADULT EDUCATION PROGRAM AND A GROUP OF THEIR FRIENDS AND NEIGHBORS WHO HAD NOT PARTICIPATED IN ANY ADULT EDUCATION ACTIVITIES.
ED 020 481

FICTION
BASEBALL IN AMERICAN FICTION.
ED 020 931

FIELD TRIPS
A FIELD EXPERIENCE--A WHY, A HOW.
DPSC-67-1274 ED 020 830

FILMS
AN INVESTIGATION OF THE APPLICABILITY OF MOTION PICTURES TO EDUCATIONAL TESTING. FINAL REPORT.
BR-5-0713 ED 020 654

COMMUNITY JUNIOR COLLEGE, A BIBLIOGRAPHY.
ED 020 724

FILMSTRIPS
INDEX TO 35MM EDUCATIONAL FILMSTRIPS.
ED 020 678

FINANCIAL NEEDS
THE FINANCIAL PHASE OF LONG RANGE PLANNING FOR PUBLIC SCHOOLS--PRESENTING A METHOD FOR PROJECTION.
DPSC-67-2688 ED 020 563

CAPITAL IMPROVEMENTS PROGRAM FOR THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION, 1965-75. PHASE TWO.
ED 020 641

FINANCIAL SUPPORT
A STUDY OF PRIVATE TWO-YEAR COLLEGE FUND RAISING PROGRAMS.
ED 020 722

NEW YORK STATE MIGRANT EDUCATION PROGRAM.
ED 020 848

VOCATIONAL SCHOLARSHIPS, FINANCIAL AIDS AVAILABLE TO STUDENTS PURSUING VOCATIONAL OR TECHNICAL TRAINING IN NON-BACCALAUREATE PROGRAMS AT UTAH POST-SECONDARY SCHOOLS.
BR-6-3046 ED 021 051

FINE ARTS
NEW ORLEANS SERVES UP FINE ARTS TO FEED YOUNG EGOS.
ED 020 988

FLES
WHAT DO WE KNOW ABOUT FOREIGN LANGUAGE INSTRUCTION.
TEA-BULL-621 ED 020 700

FLES PROGRAMS
WHAT HAVE WE LEARNED ABOUT FLES.
ED 020 695

FLES--A GUIDE FOR PROGRAM REVIEW.
ED 020 708

FLES TEACHERS
FLES--A GUIDE FOR PROGRAM REVIEW.
ED 020 708

FLEXIBLE PROGRESSION
TWO VIEWS CONCERNING ABILITY GROUPING.
ED 020 983

FLEXIBLE SCHEDULING
HOW DO WE BREAK THE LOCKSTEP. VARIATIONS IN CLASS SIZE AS APPLIED TO LANGUAGE TEACHING.
ED 020 690

FOLLOWUP STUDIES
FOLLOW UP STUDY OF CAREER-ORIENTED CURRICULUMS 1968--PHASE I, JOB ENTRY OR TRANSFER.
ED 020 739

FOOD HANDLING FACILITIES
HOW THEY PLANNED THEIR FOOD SERVICE.
ED 020 637

FOOD SERVICE
HOW THEY PLANNED THEIR FOOD SERVICE.
ED 020 637

FORCE
LESSONS PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6.
BR-5-0216 ED 020 907

FOREIGN COUNTRIES
MANPOWER AND THE PUBLIC EMPLOYMENT SERVICE IN EUROPE, A STUDY OF PROGRAMS AND OPERATIONS.
ED 021 047

FORESTRY
FOREST TECHNOLOGY, A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.
ED 021 063

FREE CHOICE TRANSFER PROGRAMS
A DIVISIVE ISSUE, FREEDOM OF CHOICE.
ED 020 968

FRENCH
HOW DO WE BREAK THE LOCKSTEP. VARIATIONS IN CLASS SIZE AS APPLIED TO LANGUAGE TEACHING.
ED 020 690

A SUPPLEMENT FOR FRENCH AND ITALIAN TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 706

FUNCTIONAL ILLITERACY
THE NEED FOR AN ADULT BASIC EDUCATION CENTER. AN INTERIM REPORT TO THE ADVISORY COMMITTEE ON ADULT BASIC EDUCATION.
ED 020 470

FURNITURE
THE CO-ORDINATED CLASSROOM.
ED 020 621

GENERAL EDUCATION
THE FURTHER EDUCATION OF THE GENERAL STUDENT, A REPORT ON COURSES IN COLLEGES OF FURTHER EDUCATION FOR YOUNG PEOPLE WHO NEED NO VOCATIONAL QUALIFICATION.
ED 020 468

SOURCE MATERIALS FOR GENERAL AND HUMAN BIOLOGY. FINAL REPORT.
BR-5-1189 ED 020 913

GENERATIVE GRAMMAR
ENGLISH NOUN INFLECTION AND RELATED MATTERS FROM A GENERATIVE SEMANTIC POINT OF VIEW.
POLA-2-6 ED 020 506

ENGLISH QUESTIONS.
POLA-2-6 ED 020 507

THE SOUND PATTERN OF ENGLISH.
ED 020 511

THE CURRENT DISCREPANCY BETWEEN THEORETICAL AND APPLIED LINGUISTICS.
ED 020 513

LEARNABILITY OF A TRANSFORMATIONALLY GENERATED SUBSET OF ENGLISH.
AFCRL-68-0070 ED 020 521

GEOGRAPHIC REGIONS
REFERENCE ENCYCLOPEDIA OF THE AMERICAN INDIAN.
ED 020 853

GERMAN
INSTRUCTIONAL METHODS, GERMAN.
ED 020 710

GIFTED
ADVANCED PLACEMENT IN OHIO.
ED 020 589

EDUCATIONAL PROBLEMS AND PLANNING FOR GIFTED STUDENTS--SELECTED PAPERS FROM GRADUATE LEADERSHIP TRAINING PROGRAM ON THE GIFTED.
ED 020 590

EARLY SCHOOL ADMISSION FOR MENTALLY ADVANCED CHILDREN, A REVIEW OF RESEARCH AND PRACTICE.
ED 020 591

GLOSSARIES

DEVELOPING A THEORY OF EDUCATIONAL PRACTICE FOR THE ELEMENTARY SCHOOL. PROJECT REPORT TO THE FORD FOUNDATION FUND FOR THE ADVANCEMENT OF EDUCATION.
ED 020 564

SPACE INVENTORY AND UTILIZATION MANUAL FOR THE COMPREHENSIVE FACILITIES PLANNING STUDY.
ED 020 626

GOAL ORIENTATION
MANAGERIAL PERCEPTION AND SUCCESS IN FARMING, FINAL CHAPTER AND APPENDICES OF A PH.D. DISSERTATION. RESEARCH SERIES IN AGRICULTURAL EDUCATION.
ED 021 057

GOVERNMENT ROLE
LIBRARY SERVICES FOR THE NATION'S NEEDS, TOWARD FULLFILLMENT OF A NATIONAL POLICY. REPORT OF THE NATIONAL ADVISORY COMMISSION ON LIBRARIES.
ED 020 446

TITLE IV, THE "HELP" PROGRAM IS EXPANDED.
ED 021 019

GOVERNMENTAL STRUCTURE
THE EVOLVING INTERMEDIATE UNIT.
ED 020 843

GRADE 1
A COMPARISON OF TWO METHODS OF READING SUPERVISION. REPORT.
CRP-2706 ED 020 859

AN OBSERVATION ABOUT HAWTHORNE EFFECT IN AN EXPERIMENT IN THE TEACHING OF READING IN FIRST GRADE--A HYPOTHESIS.
ED 020 870

GRADE 4
WORDS AND MORPHEMES IN READING.
ED 020 864

GRADE 7
WORDS AND MORPHEMES IN READING.
ED 020 864

GRADUATE STUDY
THE IDEAL PREPARATION OF FOREIGN LANGUAGE TEACHERS.
ED 020 697

SUMMARY OF REPORTS ON THIRTEEN DOCTORAL PROGRAMS IN ENGLISH EDUCATION.
ED 020 922

GRAMMAR TRANSLATION METHOD
DIFFICULTIES ASSOCIATED WITH RESEARCH ON FOREIGN LANGUAGE LEARNING.
ED 020 694

GROUP BEHAVIOR
CONFORMITY, DEVIATION AND LEADERSHIP AS A FUNCTION OF FEEDBACK IN GROUPS.
ED 020 472

CONSENSUS AND CONFORMITY.
BR-5-0216 ED 020 552

AN EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT.
ED 020 632

GROUP DISCUSSION
GROUP THINKING AND CONFERENCE LEADERSHIP. REVISED EDITION.
ED 020 460

GROUP MEMBERSHIP
A STUDY OF INFORMAL GROUP ACTIVITY WITHIN A COMMUNITY'S EDUCATIONAL ARENA.
ED 020 474

GROUP NORMS
DELINQUENCY PRONE YOUTH--LONGITUDINAL AND PREVENTIVE RESEARCH, EAU CLAIRE COUNTY YOUTH STUDY, PHASE III, 1965-68.
2-R11-MH00672-07 ED 020 814

GROUP STRUCTURE
EDUCATION FOR RURAL PEOPLES IN THE NEW AMERICA.
ED 020 832

GROUP THERAPY
THE FAMILY LIFE CYCLE--PERSPECTIVES DRAWN FROM FAMILY THERAPY, PRESCHOOL THROUGH ADOLESCENCE.
ED 020 536

GROUPING (INSTRUCTIONAL PURPOSES)
TWO VIEWS CONCERNING ABILITY GROUPING.
ED 020 983

GUIDANCE FUNCTIONS
RATIONALE FOR ELEMENTARY SCHOOL GUIDANCE. FINAL REPORT.
BR-7-0743 ED 020 553

GUIDANCE OBJECTIVES
CONFERENCE SUMMARY--FROM THEORY TO PRACTICE. THE DESCRIPTION AND DEMONSTRATION OF A GUIDANCE PROGRAM IN ONE DISTRICT K-12.
ED 020 535

RATIONALE FOR ELEMENTARY SCHOOL GUIDANCE. FINAL REPORT.
BR-7-0743 ED 020 553

GUIDANCE PROGRAMS
THE COMPUTER AS AN AID TO INSTRUCTION AND GUIDANCE IN THE SCHOOL.
ED 020 529

CONFERENCE SUMMARY--FROM THEORY TO PRACTICE. THE DESCRIPTION AND DEMONSTRATION OF A GUIDANCE PROGRAM IN ONE DISTRICT K-12.
ED 020 535

TRIAL AND TESTING OF AN EXPERIMENTAL GUIDANCE CURRICULUM. FINAL REPORT.
BR-7-8091 ED 020 554

GUIDANCE SERVICES
A SURVEY OF PUBLIC SCHOOL ADULT GUIDANCE SERVICES IN FIFTY CITIES.
ED 020 484

GUIDELINES
DEVELOPING ORIGINAL MATERIALS IN READING (A GUIDE FOR TEACHERS).
BR-5-0687 ED 020 445

THE CIVIL RIGHTS FIASCO IN PUBLIC EDUCATION, DESEGREGATION SINCE 1964.
ED 021 009

HANDICAPPED STUDENTS
HOW TO ADAPT A CAMPUS FOR THE HANDICAPPED. STUDENTS ON WHEELS.
ED 020 648

AN EXPERIMENTAL PROGRAM IN VOCATIONAL EDUCATION. FINAL REPORT.
ED 021 048

HEALTH EDUCATION
A TEACHER'S HANDBOOK OF RESOURCES FOR THE TEACHING OF HEALTH K-6.
ED 020 883

HEALTH OCCUPATIONS
TRAINING HEALTH SERVICE WORKERS--THE CRITICAL CHALLENGE, PROCEEDINGS OF THE CONFERENCE ON JOB DEVELOPMENT AND TRAINING FOR WORKERS IN HEALTH SERVICES (WASHINGTON, D.C., FEBRUARY 14-17, 1966).
ED 021 055

HEALTH OCCUPATIONS EDUCATION
TRAINING HEALTH SERVICE WORKERS--THE CRITICAL CHALLENGE, PROCEEDINGS OF THE CONFERENCE ON JOB DEVELOPMENT AND TRAINING FOR WORKERS IN HEALTH SERVICES (WASHINGTON, D.C., FEBRUARY 14-17, 1966).
ED 021 055

EDUCATIONAL PREPARATION FOR NURSE PRACTITIONERS AND ASSISTANTS TO NURSES, A POSITION PAPER.
ED 021 059

HOME HEALTH AIDE TRAINING PROJECT. FINAL REPORT.
ED 021 071

HEALTH SERVICES
PENNSYLVANIA MIGRATORY LABOR PROGRAM, 1967. ANNUAL REPORT.
ED 020 823

HEATING
RESEARCH IN CLASSROOM THERMAL ENVIRONMENT AT GARDENHILL SCHOOL IN LA MIRADA, CALIFORNIA.
ED 020 620

HETEROGENEOUS GROUPING
TWO VIEWS CONCERNING ABILITY GROUPING.
ED 020 983

HIGH INTEREST LOW VOCABULARY BOOKS
SPRINGBOARDS, TEXTS THE STUDENTS STEAL.
ED 020 969

HIGH SCHOOL STUDENTS
NEW YORK CITY BOARD OF EDUCATION-FORD FOUNDATION CORRELATED CURRICULUM PROJECT, 1966-67. PILOT EVALUATION REPORT.
ED 020 583

THE COLLECTION AND STATISTICAL EVALUATION OF QUANTITATIVE DATA FOR HAND-EYE COORDINATION WITH RESPECT TO DETERMINING ITS CORRELATION WITH READING DISABILITY AT BOTH THE PRIMARY AND SECONDARY SCHOOL LEVELS. FINAL REPORT.
BR-6-8324 ED 020 861

SAMPLE UPWARD BOUND PROGRAMS.
ED 020 957

SHOES DON'T MATTER WHEN A BRIGHT KID IS UPWARD BOUND.
ED 020 967

SPRINGBOARDS, TEXTS THE STUDENTS STEAL.
ED 020 969

SOCIAL CHARACTERISTICS OF HIGH SCHOOL STUDENTS PLANNING TO PURSUE POST HIGH SCHOOL VOCATIONAL TRAINING. FINAL REPORT NO. 17.
BR-7-0031 ED 021 148

HIGH SCHOOLS
SOME EFFECTS OF DUAL ENROLLMENT UPON STUDENTS ENROLLED IN THE CHICAGO LUTHERAN SHARED TIME PROGRAM. FINAL REPORT.
BR-6-8444 ED 020 567

NEW DIRECTIONS IN INSTRUCTIONAL PRACTICES.
SR54 ED 020 570

AN EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT.
ED 020 632

INTERMEDIATE UNITS AND SMALL HIGH SCHOOLS.
ED 020 815

DEVELOPING HIGH SCHOOL READING PROGRAMS.
ED 020 867

HIGHER EDUCATION

EXTENSION SERVICES, TELEVISION INSTRUCTION, AND RESEARCH IN VIRGINIA'S INSTITUTIONS OF HIGHER EDUCATION. STAFF REPORT NO. 7.
SR-7 ED 020 461

MANUAL FOR STUDIES OF SPACE UTILIZATION IN COLLEGES AND UNIVERSITIES.
ED 020 617

SPACE INVENTORY AND UTILIZATION MANUAL FOR THE COMPREHENSIVE FACILITIES PLANNING STUDY.
ED 020 626

AN EVALUATION STUDY OF THE COLLEGE FACILITIES PROGRAM. FINAL REPORT.
ED 020 627

SELECTED REFERENCES FOR PLANNING HIGHER EDUCATION FACILITIES.
ED 020 633

CAPITAL IMPROVEMENTS PROGRAM FOR THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION, 1965-75. PHASE TWO.
ED 020 641

HINDI

LINGUISTIC METHODOLOGY AND THE TEACHING OF HINDI.
ED 020 492

LANGUAGE, COMMUNICATION AND CONTROL IN NORTH INDIA. WORKING PAPER NUMBER 7.
ED 020 495

HISTORY INSTRUCTION

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE WASHINGTON, D.C., PUBLIC SCHOOLS.
ED 020 971

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE LOS ANGELES AND PHOENIX PUBLIC SCHOOLS.
ED 020 972

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE DETROIT PUBLIC SCHOOLS.
ED 020 973

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE NEW YORK CITY SCHOOLS.
ED 020 974

HOME ECONOMICS

HOME ECONOMICS IN COLLEGES AND UNIVERSITIES.
ED 021 133

HOME ECONOMICS EDUCATION

TEACHING-LEARNING UNITS IN CLOTHING AND TEXTILES.
ED 021 053

A GUIDE FOR TEACHING CHILD DEVELOPMENT, A BOOK OF TEACHING PLANS.
ED 021 054

HOME ECONOMICS RESEARCH ABSTRACTS--1966. HOME ECONOMICS EDUCATION.
ED 021 058

HOME HEALTH AIDES

HOME HEALTH AIDE TRAINING PROJECT. FINAL REPORT.
ED 021 071

HOMEMAKING EDUCATION

ADULT EDUCATION IN HOMEMAKING IN UPSHUR COUNTY IN WEST VIRGINIA. EVALUATION OF INTERESTS AND NEEDS FOR ADULT HOMEMAKING EDUCATION IN UPSHUR COUNTY, 1960-1961.
ED 020 486

HOUSING

FACES OF POVERTY.
ED 020 958

HOUSING DISCRIMINATION

LAW, VOL. 1, NO. 1, JANUARY, 1966.
ED 021 002

HUMAN DIGNITY

WHAT CAN THE SCHOOL SAY ABOUT HUMAN RIGHTS.
ED 021 008

HUMAN RESOURCES

A SYSTEM APPROACH FOR SOLVING EDUCATIONAL PROBLEMS.
DPSC-67-4410 ED 020 585

FEDERAL-STATE PROGRAMS FOR DEVELOPING HUMAN RESOURCES.
ED 021 044

HYDRAULICS

AUTOMOTIVE DIESEL MAINTENANCE 2 UNIT IV, AUTOMATIC TRANSMISSIONS--HYDRAULICS (PART II).
AM-2-4 ED 021 104

AUTOMOTIVE DIESEL MAINTENANCE 2 UNIT III, AUTOMATIC TRANSMISSIONS--HYDRAULICS (PART I).
AM-2-3 ED 021 105

AUTOMOTIVE DIESEL MAINTENANCE 2 UNIT IX, AUTOMATIC TRANSMISSIONS--HYDRAULIC SYSTEM (PART I).
AM-2-9 ED 021 110

IDENTIFICATION

HIGH SCHOOL STUDENTS WHO LATER BECAME SCHIZOPHRENIC.
CSDE-BULL-29-8 ED 020 596

EARLY IDENTIFICATION AND MITIGATION OF LEARNING PROBLEMS, ANNUAL SYMPOSIUM (3RD, NEW BRUNSWICK, NEW JERSEY, MAY 19, 1967).
ED 020 602

PROCEEDINGS, 1967 INTERNATIONAL CONVOCATION ON CHILDREN AND YOUNG ADULTS WITH LEARNING DISABILITIES (PITTSBURGH, PENNSYLVANIA, FEBRUARY 24-26, 1967).
ED 020 603

PROGRESS IN LEARNING DISABILITIES. VOLUME I.
ED 020 605

CAPIC--FIRST YEAR REPORT, SEPTEMBER 1967.
RPS-PROJ-66-2012 ED 020 606

SENSORINEURAL HEARING PROCESSES AND DISORDERS, HENRY FORD HOSPTIAL INTERNATIONAL SYMPOSIUM (DETROIT, MICHIGAN, MARCH 25-27, 1965).
ED 020 608

ILLITERATE ADULTS

ADULT BASIC EDUCATION.
ED 020 464

IMMIGRANTS

ETHNIC PATTERNS IN AMERICAN CITIES.
ED 020 954

INDEPENDENT STUDY

EDUCATION FOR INITIATIVE AND RESPONSIBILITY. COMMENTS ON A VISIT TO THE SCHOOLS OF LEICESTERSHIRE COUNTY, APRIL 1967. SECOND EDITION.
ED 020 795

INDEXES

COMPUTER-AIDED INDEXING OF A SCIENTIFIC ABSTRACTS JOURNAL BY THE UDC WITH UNIDEK--A CASE STUDY.
AIP/UDC-4 ED 020 749

INDEXES (LOCATERS)

INDEX TO 35MM EDUCATIONAL FILMSTRIPS.
ED 020 678

INDEX OF SELECTED OUTDOOR RECREATION LITERATURE.
ED 020 905

INDEXING

COMPUTER-AIDED INDEXING OF A SCIENTIFIC ABSTRACTS JOURNAL BY THE UDC WITH UNIDEK--A CASE STUDY.
AIP/UDC-4 ED 020 749

INDIANS

SUGGESTED READINGS IN THE LITERATURES OF AFRICA, CHINA, INDIA, JAPAN. CURRICULUM BULLETIN, 1967-68 SERIES.
BULL-13 ED 020 919

INDIVIDUAL ACTIVITIES

THE TEACHING OF INQUIRY SKILLS TO ELEMENTARY SCHOOL CHILDREN. FINAL REPORT.
BR-5-0594 ED 020 805

INDIVIDUAL CHARACTERISTICS

THE INFLUENCE OF SELECTED FACTORS ON THE NORTH CAROLINA COUNTY EXTENSION WORKER'S DEFINITION OF THE ROLE OF COOPERATIVE EXTENSION.
ED 020 456

A PERSONALITY VARIABLE OF PREADOLESCENT YOUTH IN RELATION TO THE ELEMENTARY SCHOOL PROGRAM. FINAL REPORT.
BR-7-C-012 ED 020 551

CROSS-CULTURAL TESTING--WHAT TO TEST.
ED 020 696

INFORMATION EXCHANGE ACTIVITIES INVOLVED IN PSYCHOLOGICAL WORK. APA-PSIEP REPORT NO. 19.
ED 020 754

CHARACTERISTICS OF PROFESSIONAL PERSONNEL IN COLLEGE AND UNIVERSITY LIBRARIES. FINAL REPORT.
BR-5-0919 ED 020 766

ONE-THIRD OF A NATION, A REPORT ON YOUNG MEN FOUND UNQUALIFIED FOR MILITARY SERVICE.
ED 021 045

INDIVIDUAL DEVELOPMENT

CONFERENCE SUMMARY--FROM THEORY TO PRACTICE. THE DESCRIPTION AND DEMONSTRATION OF A GUIDANCE PROGRAM IN ONE DISTRICT K-12.
ED 020 535

INDIVIDUAL DIFFERENCES

A STUDY OF THE PERSONALITY DIFFERENCES BETWEEN A GROUP OF WOMEN

WHO HAD PARTICIPATED IN SEWING CLASSES IN AN ADULT EDUCATION PROGRAM AND A GROUP OF THEIR FRIENDS AND NEIGHBORS WHO HAD NOT PARTICIPATED IN ANY ADULT EDUCATION ACTIVITIES.
ED 020 481

INDIVIDUAL INSTRUCTION

EVALUATING TEACHER FUNCTIONS.
WP-17 ED 020 573

THE DEVELOPMENT AND TESTING OF AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO HELP STUDENTS ACQUIRE BASIC ELECTRICAL OCCUPATIONAL COMPETENCIES. FINAL REPORT NO. 19.
BR-7-0031 ED 021 141

INDIVIDUALIZED PROGRAMS

EVALUATING TEACHER FUNCTIONS.
WP-17 ED 020 573

INDIVIDUALIZED READING

INDIVIDUALIZED READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-1 ED 020 876

INDUSTRIAL EDUCATION

THE ILLINOIS VALLEY COMMUNITY COLLEGE OCCUPATIONAL SURVEY, A COOPERATIVE ARRANGEMENT PROGRAM UNDER TITLE III OF THE HIGHER EDUCATION ACT OF 1965.
ED 020 715

INDUSTRIAL STRUCTURE

ANALYSIS OF PATTERNS OF LIFE HISTORY ANTECENDENTS OF EXECUTIVES FROM DIFFERENT COUNTRIES.
ED 020 547

INFORMAL LEADERSHIP

GROUP THINKING AND CONFERENCE LEADERSHIP. REVISED EDITION.
ED 020 460

A STUDY OF INFORMAL GROUP ACTIVITY WITHIN A COMMUNITY'S EDUCATIONAL ARENA.
ED 020 474

INFORMATION CENTERS

HANDBOOK OF INFORMATION SOURCES IN EDUCATION AND THE BEHAVIORAL SCIENCES.
BR-7-1038 ED 020 447

A FEASIBILITY STUDY TO DETERMINE NEED AND FUNCTION OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT PUBLICATIONS. FINAL REPORT.
BR-6-8645 ED 020 765

INFORMATION DISSEMINATION

INNOVATIONS IN SCIENTIFIC COMMUNICATION IN PSYCHOLOGY. APA-PSIEP REPORT NO. 16.
ED 020 751

INFORMATION EXCHANGE AT THE AMERICAN PSYCHOLOGICAL ASSOCIATION ANNUAL CONVENTION AND THE FUNCTION OF THE CONVENTION PROCEEDINGS IN SUCH EXCHANGE. APA-PSIEP REPORT NO. 18.
ED 020 753

INFORMATION EXCHANGE ACTIVITIES INVOLVED IN PSYCHOLOGICAL WORK. APA-PSIEP REPORT NO. 19.
ED 020 754

SCIENTIFIC COMMUNICATION AT THE XVII INTERNATIONAL CONGRESS OF PSYCHOLOGY, MOSCOW, 1966 AND SOME IMPLICATIONS FOR THE DESIGN AND OPERATION OF INTERNATIONAL MEETINGS. APA-PSIEP REPORT NO. 29.
ED 020 755

INFORMATION PROCESSING

ADULT EDUCATION INFORMATION SERVICES, ESTABLISHMENT OF A PROTOTYPE SYSTEM FOR A NATIONAL ADULT EDUCATION LIBRARY AND APPENDICES. THREE PARTS.
PROJ-D-152 ED 020 489

A FEASIBILITY STUDY TO DETERMINE NEED AND FUNCTION OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT PUBLICATIONS. FINAL REPORT.
BR-6-8645 ED 020 765

INFORMATION RETRIEVAL

INFORMATION STORAGE AND RETRIEVAL, REPORTS ON EVALUATION, CLUSTERING, AND FEEDBACK.
ISR-12 ED 020 748

EASY ENGLISH, A LANGUAGE FOR INFORMATION RETRIEVAL THROUGH A REMOTE TYPEWRITER CONSOLE.
ED 020 759

DEVELOPMENT OF MULTI-COORDINATE VOCABULARY, PLASMA PHYSICS.
ED 020 903

DEVELOPMENT OF A MULTI-COORDINATE VOCABULARY, CHEMICAL PHYSICS.
ED 020 904

INFORMATION SCIENCE

DEVELOPMENT OF MULTI-COORDINATE VOCABULARY, PLASMA PHYSICS.
ED 020 903

DEVELOPMENT OF A MULTI-COORDINATE VOCABULARY, CHEMICAL PHYSICS.
ED 020 904

INFORMATION SERVICES

LIBRARY SERVICES FOR THE NATION'S NEEDS, TOWARD FULLFILLMENT OF A NATIONAL POLICY. REPORT OF THE NATIONAL ADVISORY COMMISSION ON LIBRARIES.
ED 020 446

HANDBOOK OF INFORMATION SOURCES IN EDUCATION AND THE BEHAVIORAL SCIENCES.
BR-7-1038 ED 020 447

ERIC--DEVELOPMENT THROUGH JUNE, 1968.
ED 020 450

DEVELOPMENT OF A SYSTEM FOR AN EDUCATIONAL PRODUCTS INFORMATION EXCHANGE. FINAL REPORT.
BR-7-0274 ED 020 566

INFORMATION SOURCES

HANDBOOK OF INFORMATION SOURCES IN EDUCATION AND THE BEHAVIORAL SCIENCES.
BR-7-1038 ED 020 447

THE USE OF SCIENTIFIC INFORMATION IN THE UNDERGRADUATE TEACHING OF PSYCHOLOGY. APA-PSIEP REPORT NO. 17.
ED 020 752

A FEASIBILITY STUDY TO DETERMINE NEED AND FUNCTION OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT PUBLICATIONS. FINAL REPORT.
BR-6-8645 ED 020 765

INFORMATION SYSTEMS

EVALUATION OF ERIC, JUNE 1968.
ED 020 449

ERIC--DEVELOPMENT THROUGH JUNE, 1968.
ED 020 450

ADULT EDUCATION INFORMATION SERVICES, ESTABLISHMENT OF A PROTOTYPE SYSTEM FOR A NATIONAL ADULT EDUCATION LIBRARY AND APPENDICES. THREE PARTS.
PROJ-D-152 ED 020 489

A DYNAMIC GENERAL PLANNING MODEL FOR THE HAWAII DEPARTMENT OF EDUCATION.
ED 020 560

STUDY TO DEVELOP A RESEARCH PROGRAM FOR THE DESIGN DEVELOPMENT OF MODERN COLLEGE LIBRARIES. FINAL REPORT.
BR-7-C-031 ED 020 762

INFORMATION UTILIZATION

INFORMATION STORAGE AND RETRIEVAL, REPORTS ON EVALUATION, CLUSTERING, AND FEEDBACK.
ISR-12 ED 020 748

INNOVATIONS IN SCIENTIFIC COMMUNICATION IN PSYCHOLOGY. APA-PSIEP REPORT NO. 16.
ED 020 751

THE USE OF SCIENTIFIC INFORMATION IN THE UNDERGRADUATE TEACHING OF PSYCHOLOGY. APA-PSIEP REPORT NO. 17.
ED 020 752

INFORMATION EXCHANGE ACTIVITIES INVOLVED IN PSYCHOLOGICAL WORK. APA-PSIEP REPORT NO. 19.
ED 020 754

INNER CITY

PROMISES AND PUZZLES, THE PLIGHT OF THE INNER-CITY.
ED 020 961

INNOVATION

SCHOOL LIGHTING
ED 020 628

INPUT OUTPUT ANALYSIS

AN EXPERIMENTAL STUDY IN CURRICULUM ENGINEERING.
ED 020 581

INPUT OUTPUT DEVICES

EASY ENGLISH, A LANGUAGE FOR INFORMATION RETRIEVAL THROUGH A REMOTE TYPEWRITER CONSOLE.
ED 020 759

INQUIRY TRAINING

THE TEACHING OF INQUIRY SKILLS TO ELEMENTARY SCHOOL CHILDREN. FINAL REPORT.
BR-5-0594 ED 020 805

INSERVICE EDUCATION

A COMPARISON OF TWO METHODS OF READING SUPERVISION. REPORT.
CRP-2706 ED 020 859

INSERVICE PROGRAMS

INTER-RACIAL IN-SERVICE PROGRAM DESIGNED TO INCREASE THE EDUCATIONAL OPPORTUNITIES OF THE CHILDREN IN THE RICHMOND PUBLIC SCHOOLS. FINAL REPORT SEPTEMBER 19, 1966-OCTOBER 31, 1967.
ED 020 997

INSERVICE TEACHER EDUCATION

THE MEDIATED DIALOGUE, AN ACCOUNT OF THE EXPERIMENTAL NATIONAL MEDIA INSTITUTES IN THE ACADEMIC DISCIPLINES.
ED 020 651

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 6, INSTRUCTIONAL TELEVISION FOR THE IN-SERVICE TRAINING OF THE COLOMBIAN TEACHER.
ED 020 667

IN-SERVICE EDUCATION WITH RECOMMENDATIONS CONCERNING ITS IMPLEMENTATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-7 ED 020 721

BORN FOR JOY, A UNIQUE SUMMER PROGRAM FOR DISADVANTAGED CHILDREN DURING JULY, 1966.
ED 020 821

THE COMPETENT TEACHER OF THE DISADVANTAGED.
ED 020 840

INSERVICE TRAINING FOR VOCATIONAL TEACHERS IN UTAH. FINAL REPORT.
BR-6-3046 ED 021 128

IN-SERVICE EDUCATION OF OFFICE OCCUPATIONS TEACHER-COORDINATORS. FINAL REPORT.
BR-7-0542 ED 021 137

INSTITUTE TYPE COURSES

THE MEDIATED DIALOGUE, AN ACCOUNT OF THE EXPERIMENTAL NATIONAL MEDIA INSTITUTES IN THE ACADEMIC DISCIPLINES.
ED 020 651

INSTITUTES (TRAINING PROGRAMS)

THE THEORY OF TRAINING AND THE TRAINER ROLE IN THE INDIANA PLAN INSTITUTE.
ED 020 476

INSTITUTE FOR EFFECTIVE SERVICE AND LEADERSHIP IN DESEGREGATED SCHOOLS.
ED 020 557

THE MEDIATED DIALOGUE, AN ACCOUNT OF THE EXPERIMENTAL NATIONAL MEDIA INSTITUTES IN THE ACADEMIC DISCIPLINES.
ED 020 651

MEDICAL LABORATORY ASSISTANT TEACHER EDUCATION INSTITUTE--PILOT PROGRAM. FINAL REPORT.
BR-7-0625 ED 021 064

NATIONAL PROGRAM DEVELOPMENT INSTITUTES IN TECHNICAL EDUCATION, SUMMER 1967, A COMPILATION OF SELECTED PRESENTATIONS AND INSTRUCTIONAL MATERIALS. LEADERSHIP 16.
ED 021 069

INSTRUCTION

COWBOYS, INDIANS, AND AMERICAN EDUCATION.
ED 020 810

LESSONS PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6.
BR-5-0216 ED 020 907

THE RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION IN TEACHING THE CLASSIFICATIONAL CONCEPTS OF PHYSICAL AND CHEMICAL CHANGE TO ELEMENTARY SCHOOL CHILDREN.
BR-5-0216 ED 020 908

THE USE OF AN ADVANCE ORGANIZER IN TEACHING SELECTED CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 909

THE RELATIONSHIPS BETWEEN CONCEPTS OF FORCE ATTAINED AND MATURITY AS INDICATED BY GRADE LEVELS.
BR-5-0216 ED 020 910

RESEARCH AND DEVELOPMENT ACTIVITIES IN R AND I UNITS OF TWO ELEMENTARY SCHOOLS OF MILWAUKEE, WISCONSIN, 1966-1967.
BR-5-0216 ED 020 911

AN INVESTIGATION INTO THE RELATIONSHIP BETWEEN CONCEPT ATTAINMENT AND LEVEL OF MATURITY.
BR-5-0216 ED 020 912

INSTRUCTIONAL AIDS

A STUDY OF THE RELATIVE EFFECTIVENESS OF VARIED VISUAL ILLUSTRATIONS. FINAL REPORT.
BR-6-8840 ED 020 658

WHAT HAVE WE LEARNED ABOUT FLES.
ED 020 695

CURRICULUM ENRICHMENT OUTDOORS.
ED 020 850

INSTRUCTIONAL DESIGN

INSTRUCTIONAL SYSTEMS DEVELOPMENT--A DEMONSTRATION AND EVALUATION PROJECT. FINAL REPORT.
BR-5-1411 ED 020 673

INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS. SUPPLEMENT, INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS WITHIN THE UNIVERSITY OF CALIFORNIA. OCCASIONAL PAPER NO. 2.
ED 020 682

INSTRUCTIONAL FILMS

EFFECTIVENESS OF FILM IN CHANGING PARENTAL ATTITUDES. FINAL REPORT.
BR-6-1638 ED 020 659

PRODUCTION AND USE OF SINGLE CONCEPT FILMS IN PHYSICS TEACHING.
ED 020 917

INSTRUCTIONAL IMPROVEMENT

EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION.
ED 020 576

INSTRUCTIONAL SYSTEMS DEVELOPMENT--A DEMONSTRATION AND EVALUATION PROJECT. FINAL REPORT.
BR-5-1411 ED 020 673

INTER-RACIAL IN-SERVICE PROGRAM DESIGNED TO INCREASE THE EDUCATIONAL OPPORTUNITIES OF THE CHILDREN IN THE RICHMOND PUBLIC SCHOOLS. FINAL REPORT SEPTEMBER 19, 1966-OCTOBER 31, 1967.
ED 020 997

INSTRUCTIONAL INNOVATION

NEW DIRECTIONS IN INSTRUCTIONAL PRACTICES.
SR-54 ED 020 570

INNOVATIVE PROGRAM IN JUNIOR HIGH SCHOOL GENERAL MUSIC AND LISTENING IN THE CLASSROOM.
DPSC-66-451 ED 020 582

NEW DIRECTIONS IN FOREIGN LANGUAGE TEACHING.
ED 020 707

FRESHMAN ENGLISH AT THE STATE UNIVERSITY OF NEW YORK, BUFFALO.
ED 020 940

INSTRUCTIONAL MATERIALS

DEVELOPING ORIGINAL MATERIALS IN READING (A GUIDE FOR TEACHERS).
BR-5-0687 ED 020 445

ADULT BASIC EDUCATION.
ED 020 464

A FACT SHEET CONCERNING CLOSED CIRCUIT INSTRUCTIONAL TELEVISION FOR ENGLISH LANGUAGE TEACHING.
ED 020 490

TEACHING THE PRESENT PERFECT TENSES.
ED 020 500

SURVEY OF MATERIALS IN THE NEGLECTED LANGUAGES, PART I (PRELIMINARY EDITION).
BR-7-0929 ED 020 510

DEVELOPMENT OF A SYSTEM FOR AN EDUCATIONAL PRODUCTS INFORMATION EXCHANGE. FINAL REPORT.
BR-7-0274 ED 020 566

INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS. SUPPLEMENT, INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS WITHIN THE UNIVERSITY OF CALIFORNIA. OCCASIONAL PAPER NO. 2.
ED 020 682

MLA SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 686

1959 REVISITED.
ED 020 688

LANGUAGE TEACHING AND AV--A SELECTIVE BIBLIOGRAPHY.
ED 020 692

A SUPPLEMENT FOR GERMAN, NORWEGIAN, POLISH, RUSSIAN, AND SWEDISH TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 704

NEW DIRECTIONS IN FOREIGN LANGUAGE TEACHING.
ED 020 707

INSTRUCTIONAL METHODS, GERMAN.
ED 020 710

FFA AT WORK FOR SAFETY, A HANDBOOK FOR TEACHERS AND STUDENTS OF VOCATIONAL AGRICULTURE.
ED 020 835

CURRICULUM ENRICHMENT OUTDOORS.
ED 020 850

UPGRADING ELEMENTARY READING PROGRAMS.
ED 020 880

SCIENCE EQUIPMENT IN THE ELEMENTARY SCHOOL.
ED 020 881

SETS, SUB-SETS AND OPERATIONS.
ED 020 885

PER CENT FRACTIONS.
ED 020 886

MANEUVERS ON A GEO-BOARD.
ED 020 887

THE MATH GO-ROUND, A UNIT OF MATHASBORG.
ED 020 888

VOLUME AND SURFACE AREA.
ED 020 889

METRIC GEOMETRY LINEAR MEASURE.
ED 020 890

IDEAS FROM NUMBER THEORY.
ED 020 891

METRIC GEOMETRY, CONCEPTS OF AREA MEASURE.
ED 020 892

CURVES, VERTICES, KNOTS AND SUCH.
ED 020 894

ANGLES, MEASURES.
ED 020 895

ACTION WITH WHOLE NUMBERS.
ED 020 896

ACTION WITH FRACTIONS, ADDITION AND SUBTRACTION.
ED 020 897

INDUSTRIAL RADIOGRAPHY INSTRUCTOR'S GUIDE.
OE-84034 ED 020 901

INDUSTRIAL RADIOGRAPHY STUDENT GUIDE AND LABORATORY EXERCISES.
OE-84035 ED 020 902

SOURCE MATERIALS FOR GENERAL AND HUMAN BIOLOGY. FINAL REPORT.
BR-5-1189 ED 020 913

PRODUCTION AND USE OF SINGLE CONCEPT FILMS IN PHYSICS TEACHING.
ED 020 917

FRESHMAN ENGLISH AT THE UNIVERSITY OF HAWAII.
ED 020 941

FRESHMAN ENGLISH AT THE UNIVERSITY OF TULSA, COLUMBIA BASIN COLLEGE, AND WESTERN STATE COLLEGE OF COLORADO.
ED 020 943

"PROGRAM AIDES" FOR WORK WITH LOW-INCOME FAMILIES.
ED 020 994

NATIONAL PROGRAM DEVELOPMENT INSTITUTES IN TECHNICAL EDUCATION, SUMMER 1967, A COMPILATION OF SELECTED PRESENTATIONS AND INSTRUCTIONAL MATERIALS. LEADERSHIP 16.
ED 021 069

INSTRUCTIONAL MATERIALS CENTERS

THE NEED FOR AN ADULT BASIC EDUCATION CENTER. AN INTERIM REPORT TO THE ADVISORY COMMITTEE ON ADULT BASIC EDUCATION.
ED 020 470

THE NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION--A DEMONSTRATION OF A NATIONAL PROGRAM AGENCY FOR INSTRUCTIONAL TELEVISION. FINAL REPORT.
BR-5-0273 ED 020 655

HIGHLIGHTS OF SCHOOLS USING EDUCATIONAL MEDIA.
ED 020 661

INSTRUCTIONAL MEDIA

FIVE-FOOT SHELF BIBLIOGRAPHY ON NEW MEDIA AND INSTRUCTIONAL TECHNOLOGY.
ED 020 650

THE MEDIATED DIALOGUE, AN ACCOUNT OF THE EXPERIMENTAL NATIONAL MEDIA INSTITUTES IN THE ACADEMIC DISCIPLINES.
ED 020 651

HIGHLIGHTS OF SCHOOLS USING EDUCATIONAL MEDIA.
ED 020 661

INSTRUCTIONAL SYSTEMS DEVELOPMENT--A DEMONSTRATION AND EVALUATION PROJECT. FINAL REPORT.
BR-5-1411 ED 020 673

EDUCATIONAL TELEVISION IN THE SMALL SCHOOL.
ED 020 822

TECHNIQUES FOR EFFECTIVE TEACHING.
ED 021 056

INSTRUCTIONAL PROGRAMS

THE HIERARCHY OF CURRICULUM AND INSTRUCTION SYSTEM DOCUMENTATION AND THE CYCLE OF CURRICULUM AND INSTRUCTION FUNCTIONS. (A PAIR OF RELATED PAPERS).
ED 020 561

YAZZIE REPORTS ON EDUCATION ACTIVITIES.
ED 020 825

FFA AT WORK FOR SAFETY, A HANDBOOK FOR TEACHERS AND STUDENTS OF VOCATIONAL AGRICULTURE.
ED 020 835

INSTRUCTIONAL STAFF

IN-SERVICE EDUCATION WITH RECOMMENDATIONS CONCERNING ITS IMPLEMENTATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-7 ED 020 721

INSTRUCTIONAL TECHNOLOGY

CRITERION-REFERENCED TESTING OF LANGUAGE SKILLS.
ED 020 515

FIVE-FOOT SHELF BIBLIOGRAPHY ON NEW MEDIA AND INSTRUCTIONAL TECHNOLOGY.
ED 020 650

INSTRUCTIONAL TELEVISION

A FACT SHEET CONCERNING CLOSED CIRCUIT INSTRUCTIONAL TELEVISION FOR ENGLISH LANGUAGE TEACHING.
ED 020 490

COOPERATIVE INSTRUCTION BY TELEVISION IN THE SCHOOLS OF AMERICAN SAMOA, AN OUTLINE OF THE ORGANIZATION AND PROCEDURES.
ED 020 653

THE NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION--A DEMONSTRATION OF A NATIONAL PROGRAM AGENCY FOR INSTRUCTIONAL TELEVISION. FINAL REPORT.
BR-5-0273 ED 020 655

REPORT TO THE CENTRAL MICHIGAN EDUCATIONAL RESOURCES COUNCIL ON THE FEASIBILITY OF AN INTERCONNECTED TELECOMMUNICATION SYSTEM FOR THE 39 COUNTY REGION OF MICHIGAN.
BR-5-1139 ED 020 662

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 1, THE PROJECT AS A WHOLE--ORGANIZATION, ADAPTATION, AND EXPANSION.
ED 020 663

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 4, THE COLOMBIAN TEACHER AND THE UTILIZATION VOLUNTEER--MAKING ETV WORK IN THE SCHOOLS OF A DEVELOPING COUNTRY.
ED 020 666

TV EQUIPMENT, SYSTEMS, FACILITIES, AND PERSONNEL--A GUIDE FOR SCHOOL ADMINISTRATORS, A STUDY PREPARED FOR THE CALIFORNIA PUBLIC SCHOOLS INSTRUCTIONAL TV COMMITTEE.
ED 020 670

THE FARTHER VISION, EDUCATIONAL TELEVISION TODAY.
ED 020 672

INSTRUCTOR COORDINATORS

IN-SERVICE EDUCATION OF OFFICE OCCUPATIONS TEACHER-COORDINATORS. FINAL REPORT.
BR-7-0542 ED 021 137

INTEGRATED ACTIVITIES

EDUCATION FOR INITIATIVE AND RESPONSIBILITY, COMMENTS ON A VISIT TO THE SCHOOLS OF LEICESTERSHIRE COUNTY, APRIL 1967. SECOND EDITION.
ED 020 796

INTEGRATED PUBLIC FACILITIES

PROJECTIONS OF PUBLIC SCHOOL FACILITIES NEEDS, 1968-69 THROUGH 1972-73.
ED 020 649

INTEGRATION EFFECTS

LEARNING EFFECTS OF INTEGRATION IN NEW ROCHELLE.
ED 021 000

INTEGRATION LITIGATION

DESEGREGATION, A NEW APPROACH, A NEW DEADLINE.
ED 020 966

HOBSON V. HANSEN--WHAT IS LAW FOR.
ED 020 978

DESEGREGATING FACULTIES.
ED 021 018

INTEGRATION METHODS

INSTITUTE FOR EFFECTIVE SERVICE AND LEADERSHIP IN DESEGREGATED SCHOOLS.
ED 020 557

A DIVISIVE ISSUE, FREEDOM OF CHOICE.
ED 020 968

THE EQUATION AT OAK RIDGE.
ED 020 986

INTELLIGENCE TESTS

THE LIMITATIONS OF BRIEF INTELLIGENCE TESTING WITH YOUNG CHILDREN.
OEO-510 ED 020 774

THE JOHNS HOPKINS PERCEPTUAL TEST, THE DEVELOPMENT OF A RAPID INTELLIGENCE TEST FOR THE PRE-SCHOOL CHILD.
OEO-510 ED 020 787

INTERACTION

AN EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT.
ED 020 632

INTERACTION PROCESS ANALYSIS

RESEARCH PERTINENT TO THE TRAINING OF READING TEACHERS.
ED 020 872

INTERAGENCY COOPERATION

AN OVERVIEW OF PROJECT ENABLE.
ED 020 471

INTERDISTRICT POLICIES

METROPOLITAN SHARING, A SURVEY OF PRESENT PRACTICES AND ATTITUDES IN THE SCHOOLS OF THE NIAGARA FRONTIER. A REPORT FROM PROJECT INNOVATION.
ED 021 021

INTEREST SCALES

A NEW FACTOR ANALYSIS OF THE SVIB--SUGGESTED MODIFICATION OF EXISTING GROUPS AND IMPLICATIONS FOR COUNSELING.
ED 020 548

INTERGROUP EDUCATION

INTER-RACIAL IN-SERVICE PROGRAM DESIGNED TO INCREASE THE EDUCATIONAL OPPORTUNITIES OF THE CHILDREN IN THE RICHMOND PUBLIC SCHOOLS. FINAL REPORT SEPTEMBER 19, 1966-OCTOBER 31, 1967.
ED 020 997

INTERGROUP RELATIONS

VOLUNTEER AND STAFF PARTICIPATION IN A VOLUNTARY SOCIAL WELFARE ASSOCIATION IN THE UNITED STATES, A STUDY OF THE NATIONAL YOUNG WOMEN'S CHRISTIAN ASSOCIATION.
ED 020 480

INTERLIBRARY LOANS

SUGGESTED RECOMMENDATIONS FOR INTER-LIBRARY COOPERATION IN THE STATE OF NEW JERSEY.
ED 020 764

INTERMEDIATE ADMINISTRATIVE UNITS

INTERMEDIATE UNITS AND SMALL HIGH SCHOOLS.
ED 020 815

THE EVOLVING INTERMEDIATE UNIT.
ED 020 843

INTERMEDIATE GRADES

HANDBOOK FOR ENGLISH LANGUAGE ARTS, GRADES 5-12, READING AND LITERATURE.
CB-10 ED 020 857

INTERVENTION

COMMUNICATIVE COMPETENCE OF LOW-INCOME CHILDREN--ASSUMPTIONS AND PROGRAMS.
ED 020 775

HEAD START EVALUATION AND RESEARCH CENTER, TEACHERS COLLEGE, COLUMBIA UNIVERSITY. ANNUAL REPORT (1ST), SEPTEMBER 1966-AUGUST 1967. (TITLE SUPPLIED).
ED 020 781

INTERVIEWS

EAU CLAIRE COUNTY STUDY, PHASE II 1964-65.
NIMH-GNO-2-R11-672-04 ED 020 812

ITALIAN

A SUPPLEMENT FOR FRENCH AND ITALIAN TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 706

ITEM ANALYSIS

HEAD START EVALUATION AND RESEARCH CENTER, TEACHERS COLLEGE, COLUMBIA UNIVERSITY. ANNUAL REPORT (1ST), SEPTEMBER 1966-AUGUST 1967. (TITLE SUPPLIED).
ED 020 781

JAPANESE

SUGGESTED READINGS IN THE LITERATURES OF AFRICA, CHINA, INDIA, JAPAN. CURRICULUM BULLETIN, 1967-68 SERIES.
BULL-13 ED 020 919

JEWS

INFLUENCES OF CULTURAL PATTERNS ON THE THINKING OF CHILDREN IN CERTAIN ETHNIC GROUPS. A STUDY OF THE EFFECT OF JEWISH SUB-CULTURE ON THE FIELD-DEPENDENCE-INDEPENDENCE DIMENSION OF COGNITION.
ED 020 796

JOB SKILLS

A SURVEY AND ANALYSIS OF MAJOR TASKS, KNOWLEDGES ASSOCIATED WITH WORK IN CHILD CARE OCCUPATIONS. FINAL REPORT.
BR-7-0031 ED 021 066

JOURNALISM

FLORIDA JUNIOR COLLEGE JOURNALISM CURRICULA, A REPORT.
ED 020 725

JUNIOR COLLEGES

A COMPREHENSIVE STUDY FOR THE MASTER DEVELOPMENT PLAN, POLK JUNIOR COLLEGE, WINTER HAVEN, FLORIDA.
ED 020 635

CRITERIA FOR SELECTION AND APPROVAL OF COMMUNITY JUNIOR COLLEGE SITES IN FLORIDA.
ED 020 636

PROPERTY APPRAISAL PROVIDES CONTROL, INSURANCE BASIS, AND VALUE ESTIMATE.
ED 020 711

A JUNIOR COLLEGE PROPOSAL FOR BOONE AND WINNEBAGO COUNTIES, JOINT REPORT OF THE NORTHERN ILLINOIS JUNIOR COLLEGE COMMITTEE AND NORTHERN ILLINOIS UNIVERSITY.
ED 020 712

AN ANALYSIS OF ROLES OF THE COMMUNITY COLLEGE IN CONTINUING EDUCATION IN CONJUNCTION WITH OTHER ORGANIZATIONS WHICH PROVIDE EDUCATION FOR ADULTS.
ED 020 713

STUDY OF THE PROGRESS OF FRESHMAN ENGLISH STUDENTS AT WINGATE COLLEGE.
ED 020 714

THE ILLINOIS VALLEY COMMUNITY COLLEGE OCCUPATIONAL SURVEY, A COOPERATIVE ARRANGEMENT PROGRAM UNDER TITLE III OF THE HIGHER EDUCATION ACT OF 1965.
ED 020 715

SURVEY OF LIBRARY PERSONNEL IN SIERRA COLLEGE EMPLOYMENT AREA.
ED 020 716

FACULTY ORIENTATION BY A NEW COMMUNITY COLLEGE.
ED 020 717

CHOOSING AN OCCUPATION WISELY--A PROPOSAL TO TAKE THE GUESSWORK OUT OF FUTURE VOCATIONAL GUIDANCE.
ED 020 718

ACADEMIC RANK CRITERIA IN AMERICAN JUNIOR COLLEGES.
ECC-65-24 ED 020 719

ANOTHER LOOK AT TEACHER EVALUATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-8 ED 020 720

IN-SERVICE EDUCATION WITH RECOMMENDATIONS CONCERNING ITS IMPLEMENTATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-7 ED 020 721

A STUDY OF PRIVATE TWO-YEAR COLLEGE FUND RAISING PROGRAMS.
ED 020 722

SUGGESTED GUIDELINES FOR THE JUNIOR COLLEGE CHORAL PROGRAM AS PREPARED BY THE ACDA COMMITTEE ON JUNIOR COLLEGE CHORAL PROBLEMS.
ECC-68-3 ED 020 723

COMMUNITY JUNIOR COLLEGE, A BIBLIOGRAPHY.
ED 020 724

FLORIDA JUNIOR COLLEGE JOURNALISM CURRICULA, A REPORT.
ED 020 725

A LONG TERM STUDY OF THE RESULTS OF SPECIAL COUNSELING AND INSTRUCTIONAL TECHNIQUES USED WITH STUDENTS WITH SEEMINGLY LOW ACADEMIC POTENTIAL AS MEASURED BY MERRITT COLLEGE CLASSIFICATION TESTS.
ED 020 726

FUNDAMENTALS LEARNING LABORATORIES IN INDUSTRIAL EDUCATION CENTERS, TECHNICAL INSTITUTES AND COMMUNITY COLLEGES IN NORTH CAROLINA.
ED 020 727

A COMPARISON OF A.C.T. SCORES OF TECHNOLOGY STUDENTS OF GLENDALE COMMUNITY COLLEGE WITH THE COLLEGE POPULATION IN GENERAL.
GCC-DSR-G-O-66-3 ED 020 728

CIVIL ENGINEERING TECHNOLOGY CONSULTANTS' WORKSHOP, REPORT OF PROCEEDINGS (ATLANTA, MAY 17-20, 1967).
ED 020 729

LIBRARY TECHNICIAN PROGRAMS IN JUNIOR COLLEGES--COURSES OFFERED IN 1966-67 CATALOGS.
ED 020 730

REPORT OF STUDY COMMITTEE I-C, AREA POSTSECONDARY INSTITUTIONS-- COMMUNITY COLLEGES.
ED 020 731

ASSOCIATE IN ARTS DEGREE PROGRAM FOR ADULTS.
ED 020 732

TALENT SEARCH PROJECT. FINAL REPORT.
ED 020 733

CORRELATIONS BETWEEN HIGH SCHOOL AVERAGES AND SAT SCORES AND FINAL SCHOLASTIC INDEXES--BMCC GRADUATES, JUNE 1966 THROUGH AUGUST 1967.
ED 020 734

STUDENT IDENTIFICATION WITH COLUMBUS COLLEGE--A PILOT STUDY.
CC-RB-OIR-1-67 ED 020 735

A SURVEY OF EVENING COLLEGE COUNSELING SERVICES IN CALIFORNIA JUNIOR COLLEGES.
ED 020 736

A STUDY OF THE EXPENSE OF STUDENT PERSONNEL SERVICES IN SELECTED CALIFORNIA PUBLIC JUNIOR COLLEGES.
ED 020 737

TECHNICAL EDUCATION IN THE JUNIOR COLLEGE, EDUCATION 261E SEMINAR-- A STUDY OF TECHNICAL EDUCATION IN THE NORTH ORANGE COUNTY JUNIOR COLLEGE DISTRICT.
ED 020 738

FOLLOW UP STUDY OF CAREER-ORIENTED CURRICULUMS 1968--PHASE I, JOB ENTRY OR TRANSFER.
ED 020 739

A STUDY OF THE BUSINESS AND INDUSTRIAL MANAGEMENT PROGRAMS AT COLLEGE OF SAN MATEO.
CSM-RR-1968-3 ED 020 740

COMMUNITY SERVICES OF THE COMMUNITY COLLEGES IN THE STATE OF PENNSYLVANIA.
ED 020 742

PARKING FACILITY PROJECTIONS BASED ON THE 1968 STUDENT PARKING SURVEY.
ED 020 743

EVENING CLASS SCHEDULES OF LARGE COLLEGES AND UNIVERSITIES.
ED 020 744

PREPARATION OF UNIFORM TYPEWRITTEN REPORTS--A MANUAL OF STYLE FOR CUYAHOGA COMMUNITY COLLEGE.
ED 020 745

FRESHMAN ENGLISH AT FOURTEEN TWO-YEAR COLLEGES--JUNIOR COLLEGE OF ALBANY, AMARILLO, BAKERSFIELD, BECKLEY, CALIFORNIA CONCORDIA, CAZENOVIA, GRAND VIEW, HARCUM, LAKEWOOD STATE, MIAMI-DADE, AND COLBY, JEFFERSON, MONROE COUNTY, AND PORTLAND COMMUNITY COLLEGES.
ED 020 944

JUNIOR HIGH SCHOOL STUDENTS

THE CINCINNATI POLICE-JUVENILE ATTITUDE PROJECT. POLICE-TEACHER CURRICULUM DEVELOPMENT FOR IMPROVING POLICE JUVENILE RELATIONS. FINAL REPORT.

ED 020 469

A LANGUAGE UNIT IN THE JUNIOR HIGH SCHOOL.
ED 020 930

THE DEVELOPMENT AND TESTING OF APPROACHES TO THE TEACHING OF ENGLISH IN THE JUNIOR HIGH SCHOOL. FINAL REPORT.
PROJ-NO-H-026 ED 020 934

JUNIOR HIGH SCHOOLS
INNOVATIVE PROGRAM IN JUNIOR HIGH SCHOOL GENERAL MUSIC AND LISTENING IN THE CLASSROOM.
DPSC-66-451 ED 020 582

KINDERGARTEN CHILDREN
AN EVALUATION AND FOLLOW-UP STUDY OF SUMMER 1966 HEAD START CHILDREN IN WASHINGTON, D.C.
OEO-1490 ED 020 794

VARIABLES AFFECTING THE PERFORMANCE OF YOUNG CHILDREN ON A LETTER DISCRIMINATION TASK.
ED 020 797

RESPONSE TO VARYING LEVELS OF CONDITIONING REWARDS. FINAL REPORT.
BR-6-1625 ED 020 803

EXPERIMENTS IN KINDERGARTEN READING.
BR-6-2865 ED 020 873

KINESTHETIC METHODS
AN EXPLORATION OF THE USES OF RHYTHMIC MOVEMENT TO DEVELOP AESTHETIC CONCEPTS IN THE PRIMARY GRADES.
CRP-S-416 ED 020 770

LABOR EDUCATION
LABOR TRAINING IN DEVELOPING COUNTRIES. A CHALLENGE IN RESPONSIBLE DEMOCRACY.
ED 020 454

LABOR UNIONS
LABOR TRAINING IN DEVELOPING COUNTRIES. A CHALLENGE IN RESPONSIBLE DEMOCRACY.
ED 020 454

LABORATORY MANUALS
INDUSTRIAL RADIOGRAPHY STUDENT GUIDE AND LABORATORY EXERCISES.
OE-81035 ED 020 902

LABORATORY SCHOOLS
WHAT'S GOING ON IN THE LAB SCHOOLS.
ED 021 014

A SLUM-AREA SCHOOL FACES ITS PROBLEMS WITH A DIFFERENCE.
ED 021 016

LANGUAGE
LANGUAGE, COMMUNICATION AND CONTROL IN NORTH INDIA. WORKING PAPER NUMBER 7.
ED 020 495

LINGUISTIC ANALYSIS OF VERBAL INTERACTION IN SPECIAL CLASSES FOR THE MENTALLY RETARDED.
BR-7-0130 ED 020 597

PROGRESS IN LEARNING DISABILITIES. VOLUME I.
ED 020 605

A REPORT ON CONTINGENCY MANAGEMENT OF VERBAL BEHAVIOR.
BR-6-1784 ED 020 610

SEMANTICS AND THE STUDY OF CULTURE.
ED 020 924

A LANGUAGE UNIT IN THE JUNIOR HIGH SCHOOL.
ED 020 930

LANGUAGE ABILITY
LANGUAGE CONTROL IN A GROUP OF HEAD START CHILDREN.
OEO-510 ED 020 789

LANGUAGE ARTS
IMPROVING LANGUAGE ARTS INSTRUCTION THROUGH RESEARCH.
ED 020 871

FRESHMAN ENGLISH AT THE UNIVERSITY OF TULSA, COLUMBIA BASIN COLLEGE, AND WESTERN STATE COLLEGE OF COLORADO.
ED 020 943

LANGUAGE DEVELOPMENT
THE PSYCHOLOGY OF LANGUAGE.
ED 020 508

THE INSUFFICIENCY OF THE TRANSFORMATIONAL APPROACH TO CHILD LANGUAGE.
ED 020 509

HEAD START EVALUATION AND RESEARCH CENTER, TULANE UNIVERSITY. FINAL REPORT. (TITLE SUPPLIED).
IED-66-1-13 ED 020 782

THE SYNTACTIC STRUCTURES OF 5-YEAR-OLD CULTURALLY DEPRIVED CHILDREN.
OEO-510 ED 020 788

SUB-CULTURAL PATTERNS WHICH AFFECT LANGUAGE AND READING DEVELOPMENT.
ED 020 920

AN INSTRUMENT TO MEASURE SYNTACTIC MATURITY. PRELIMINARY VERSION.
BR-6-2253 ED 020 926

LANGUAGE EXPERIENCE APPROACH
GRADE EQUIVALENT COMPARISONS BETWEEN DISADVANTAGED NEGRO URBAN CHILDREN WITH AND WITHOUT KINDERGARTEN EXPERIENCE WHEN TAUGHT TO READ BY SEVERAL METHODS.
ED 020 798

LANGUAGE INSTRUCTION
THE REFLEXIVE IN ENGLISH AND SPANISH--A TRANSFORMATIONAL APPROACH.
ED 020 514

CHINESE LANGUAGE TEACHING IN THE UNITED STATES--THE STATE OF THE ART.
ED 020 525

1959 REVISITED.
ED 020 688

LANGUAGE TEACHING AND AV--A SELECTIVE BIBLIOGRAPHY.
ED 020 692

SYSTEMATISCHER AUSSPRACHEUNTERRICHT IM SPRACHLABORATORIUM (SYSTEMATIC PRONUNCIATION INSTRUCTION IN THE LANGUAGE LABORATORY).
ED 020 693

DIFFICULTIES ASSOCIATED WITH RESEARCH ON FOREIGN LANGUAGE LEARNING.
ED 020 694

THE IDEAL PREPARATION OF FOREIGN LANGUAGE TEACHERS.
ED 020 697

LANGUAGE AND LANGUAGE LEARNING, THEORY AND PRACTICE. SECOND EDITION.
ED 020 698

WHAT DO WE KNOW ABOUT FOREIGN LANGUAGE INSTRUCTION.
TEA-BULL-621 ED 020 700

NEW DIRECTIONS IN FOREIGN LANGUAGE TEACHING.
ED 020 707

LANGUAGE LABORATORIES
RUNNING A LANGUAGE LABORATORY.
ED 020 505

DOSSIER SUR "LA FORMATION PROFESSIONNELLE DES DIRECTEURS DE LABORATOIRE DE LANGUES" (PROPOSED COURSE OF STUDY FOR THE PROFESSIONAL PREPARATION OF LANGUAGE LABORATORY DIRECTORS).
ED 020 687

1959 REVISITED.
ED 020 688

LANGUAGE TEACHING AND AV--A SELECTIVE BIBLIOGRAPHY.
ED 020 692

LANGUAGE LABORATORY EQUIPMENT
1959 REVISITED.
ED 020 688

LANGUAGE LABORATORY USE
SYSTEMATISCHER AUSSPRACHEUNTERRICHT IM SPRACHLABORATORIUM (SYSTEMATIC PRONUNCIATION INSTRUCTION IN THE LANGUAGE LABORATORY).
ED 020 693

LANGUAGE LEARNING LEVELS
REPORT OF HOWARD LEE NOSTRAND, CHAIRMAN OF THE 1967-68 COMMITTEE ON A LEVEL-II STANDARD FOR UNDERSTANDING OF THE SOCIOCULTURAL CONTEXT (19TH ANNUAL MEETING OF THE PACIFIC NORTHWEST CONFERENCE ON FOREIGN LANGUAGES, CARROLL COLLEGE, APRIL 19-20, 1968).
ED 020 709

LANGUAGE PROFICIENCY
NEW TESTS FOR A NEW ERA.
ED 020 691

LANGUAGE PROGRAMS
COMMUNICATIVE COMPETENCE OF LOW-INCOME CHILDREN--ASSUMPTIONS AND PROGRAMS.
ED 020 775

LANGUAGE RESEARCH
THE CONSEQUENCES OF EARLY BILINGUALISM IN COGNITIVE DEVELOPMENT AND PERSONALITY FORMATION.
ED 020 491

EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION. PROGRESS REPORT NO. I, FEBRUARY 1--SEPTEMBER 1, 1961.
ORAP-04411-1-P ED 020 498

EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION--II. PROGRESS REPORT 2, SEPTEMBER 1, 1961 TO FEBRUARY 1, 1962.
ORAP-04411-2-P ED 020 499

NOTES ON CURRENT DEVELOPMENTS IN THE STUDY OF LANGUAGE IN CULTURE AND SOCIETY.
ED 020 502

MACHINE TRANSLATION RESEARCH DURING THE PAST TWO YEARS.
ED 020 503

THE PSYCHOLOGY OF LANGUAGE.
ED 020 508

GRAMMATICAL CONSTRUCTIONS IN THE LANGUAGE OF THE NEGRO PRESCHOOL CHILD.
ED 020 518

A BI-DIALECTAL TEST FOR DETERMINING LANGUAGE PROFICIENCY.

ED 020 519

DIFFICULTIES ASSOCIATED WITH RESEARCH ON FOREIGN LANGUAGE LEARNING.
ED 020 694

PROGRAMMED LEARNING OF A SECOND LANGUAGE.
ED 020 703

INSTRUCTIONAL METHODS, GERMAN.
ED 020 710

THE SYNTACTIC STRUCTURES OF 5-YEAR-OLD CULTURALLY DEPRIVED CHILDREN.
OEO-510 ED 020 788

HEAD START RESEARCH AND EVALUATION OFFICE, UNIVERSITY OF CALIFORNIA AT LOS ANGELES. APPENDIX I TO THE ANNUAL REPORT, NOVEMBER 1967.
IED-1-66-12 ED 020 793

AN INSTRUMENT TO MEASURE SYNTACTIC MATURITY, PRELIMINARY VERSION.
BR-6-2253 ED 020 926

LANGUAGE SKILLS

CRITERION-REFERENCED TESTING OF LANGUAGE SKILLS.
ED 020 515

PROGRAMMED LEARNING OF A SECOND LANGUAGE.
ED 020 703

LANGUAGE CONTROL IN A GROUP OF HEAD START CHILDREN.
OEO-510 ED 020 789

LANGUAGE TEACHERS

MLA SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 686

WHAT'S NEW IN TEACHER EDUCATION.
ED 020 689

THE IDEAL PREPARATION OF FOREIGN LANGUAGE TEACHERS.
ED 020 697

PRAGUE SEMINAR ON LANGUAGE TEACHING AIMS, 1967.
ED 020 699

THE TEACHER OF MODERN FOREIGN LANGUAGES.
ED 020 701

UNDERGRADUATE MFL TEACHER-TRAINING PROGRAMS IN SCHOOLS AND COLLEGES OF EDUCATION--A SURVEY.
ED 020 702

A SUPPLEMENT FOR GERMAN, NORWEGIAN, POLISH, RUSSIAN, AND SWEDISH TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 704

A SUPPLEMENT FOR SPANISH AND PORTUGUESE TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 705

A SUPPLEMENT FOR FRENCH AND ITALIAN TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 706

NEW DIRECTIONS IN FOREIGN LANGUAGE TEACHING.
ED 020 707

LANGUAGE TESTS

PREDICTING PRONUNCIATION AND LISTENING SKILLS OF NATIVE SPEAKERS OF SPANISH--AN EXPLORATORY STUDY.
ED 020 516

A BI-DIALECTAL TEST FOR DETERMINING LANGUAGE PROFICIENCY.
ED 020 519

NEW TESTS FOR A NEW ERA.
ED 020 691

LANGUAGE CONTROL IN A GROUP OF HEAD START CHILDREN.
OEO-510 ED 020 789

LANGUAGE UNIVERSALS

SECONDARY ONOMATOPOEIA IN RUSSIAN (PRELIMINARY REPORT).
ED 020 501

THE SOUND PATTERN OF ENGLISH.
ED 020 511

LANGUAGE USAGE

HEAD START EVALUATION AND RESEARCH CENTER, TULANE UNIVERSITY. FINAL REPORT. (TITLE SUPPLIED).
IED-66-1-13 ED 020 782

LATE SCHOOL ENTRANCE

AGE OF ENTRANCE INTO THE FIRST GRADE AS RELATED TO ARITHMETIC ACHIEVEMENT.
ED 020 801

LAW ENFORCEMENT

THE CINCINNATI POLICE-JUVENILE ATTITUDE PROJECT, POLICE-TEACHER CURRICULUM DEVELOPMENT FOR IMPROVING POLICE JUVENILE RELATIONS. FINAL REPORT.
ED 020 469

THE CIVIL RIGHTS FIASCO IN PUBLIC EDUCATION, DESEGREGATION SINCE 1964.
ED 021 009

LEADER PARTICIPATION

THE THEORY OF TRAINING AND THE TRAINER ROLE IN THE INDIANA PLAN INSTITUTE.
ED 020 476

LEADERSHIP RESPONSIBILITY

THE SUPERINTENDENT AS A COMMUNITY EDUCATIONAL LEADER.
ED 020 827

LEADERSHIP TRAINING

LABOR TRAINING IN DEVELOPING COUNTRIES, A CHALLENGE IN RESPONSIBLE DEMOCRACY.
ED 020 454

INTER-RACIAL IN-SERVICE PROGRAM DESIGNED TO INCREASE THE EDUCATIONAL OPPORTUNITIES OF THE CHILDREN IN THE RICHMOND PUBLIC SCHOOLS. FINAL REPORT SEPTEMBER 19, 1966-OCTOBER 31, 1967.
ED 020 997

NATIONAL PROGRAM DEVELOPMENT INSTITUTES IN TECHNICAL EDUCATION, SUMMER 1967, A COMPILATION OF SELECTED PRESENTATIONS AND INSTRUCTIONAL MATERIALS. LEADERSHIP 16.
ED 021 069

LEARNING

OUR FIRST 100 YEARS, HIGHLIGHTS OF CENTENNIAL TEACHERS INSTITUTE (MARYLAND SCHOOL FOR THE DEAF, FREDERICK, MARYLAND, MARCH 7-8, 1968).
ED 020 607

EDUCATION, CHILDREN AND COMFORT.
ED 020 644

THE RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION IN TEACHING THE CLASSIFICATIONAL CONCEPTS OF PHYSICAL AND CHEMICAL CHANGE TO ELEMENTARY SCHOOL CHILDREN.
BR-5-0216 ED 020 908

THE RELATIONSHIPS BETWEEN CONCEPTS OF FORCE ATTAINED AND MATURITY AS INDICATED BY GRADE LEVELS.
BR-5-0216 ED 020 910

AN INVESTIGATION INTO THE RELATIONSHIP BETWEEN CONCEPT ATTAINMENT AND LEVEL OF MATURITY.
BR-5-0216 ED 020 912

LEARNING ACTIVITIES

TEACHING IN THE OUTDOORS.
ED 020 828

LEARNING DIFFICULTIES

A STRUCTURED FAMILY INTERVIEW IN THE ASSESSMENT OF SCHOOL LEARNING DISORDERS.
ED 020 534

A CITATION BIBLIOGRAPHY OF SELECTED SOURCES ON DYSLEXIA AND LEARNING DISABILITIES.
ERIC-CRIER-VOL-1-BIBLIOGR-9 ED 020 865

LEARNING DISABILITIES

THE REMEDIATION OF LEARNING DISABILITIES, A HANDBOOK OF PSYCHOEDUCATIONAL RESOURCE PROGRAMS.
ED 020 601

EARLY IDENTIFICATION AND MITIGATION OF LEARNING PROBLEMS, ANNUAL SYMPOSIUM (3RD, NEW BRUNSWICK, NEW JERSEY, MAY 19, 1967).
ED 020 602

PROCEEDINGS, 1967 INTERNATIONAL CONVOCATION ON CHILDREN AND YOUNG ADULTS WITH LEARNING DISABILITIES (PITTSBURGH, PENNSYLVANIA, FEBRUARY 24-26, 1967).
ED 020 603

PROGRESS IN LEARNING DISABILITIES, VOLUME I.
ED 020 605

CAPIC--FIRST YEAR REPORT, SEPTEMBER 1967.
RPS-PROJ-66-2012 ED 020 606

LEARNING LABORATORIES

STRUCTURED LEARNING AND TRAINING ENVIRONMENTS--A PREPARATION LABORATORY FOR ADVANCED MAMMALIAN PHYSIOLOGY.
MSU-EDP-PR-203 ED 020 671

LEARNING MOTIVATION

AN OVERVIEW OF RESEARCH IN LEARNING, MOTIVATION, AND PERCEPTION.
ED 020 799

LEARNING PROCESSES

PROGRAMED INSTRUCTION AND THE DEMONSTRATION METHOD OF TEACHING AT THE JUNIOR HIGH LEVEL. FINAL REPORT.
BR-5-1042 ED 020 680

OUTDOOR EDUCATION.
ED 020 826

LEARNING READINESS

EFFECTIVENESS OF THE HEAD START PROGRAM IN ENHANCING SCHOOL READINESS OF CULTURALLY DEPRIVED CHILDREN.
OEO-570 ED 020 771

LEARNING THEORIES

LINEAR STRUCTURAL MODELS FOR RESPONSE AND LATENCY PERFORMANCE IN ARITHMETIC. PSYCHOLOGY SERIES, TECHNICAL REPORT NO. 100.

ED 020 683

LEGAL PROBLEMS
OBSCENITY, THE LAW AND THE ENGLISH TEACHER–TWO PAPERS.
ED 020 929

LEGISLATION
ELEVENTH REPORT OF THE STANDING COMMITTEE ON BROADCASTING, FILMS AND ASSISTANCE TO THE ARTS.
R-11 ED 020 458

REPORT OF THE GOVERNOR'S COMMISSION TO STUDY THE EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN.
ED 020 611

REPORT ON CONFERENCES ON SPECIAL EDUCATIONAL PROGRAMS FOR MIGRATORY CHILDREN OF MIGRATORY AGRICULTURAL WORKERS.
ED 020 808

LESSON PLANS
EVALUATING TEACHER FUNCTIONS.
WP-17 ED 020 573

PROGRAM OF OUTDOOR EDUCATION FOR SOUTHERN IDAHO, CURRICULUM GUIDE.
ED 020 847

LIBERAL ARTS
THE RATIONALE FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY, A SURVEY, ANALYSIS AND CRITIQUE OF THE LITERATURE FROM 1919 TO 1961.
ED 020 475

LIBRARIANS
SURVEY OF LIBRARY PERSONNEL IN SIERRA COLLEGE EMPLOYMENT AREA.
ED 020 716

A STUDY OF THE NEED FOR ADDITIONAL FACILITIES FOR THE EDUCATION OF LIBRARIANS IN THE UNIVERSITY OF CALIFORNIA.
ED 020 750

CHARACTERISTICS OF PROFESSIONAL PERSONNEL IN COLLEGE AND UNIVERSITY LIBRARIES. FINAL REPORT.
BR-5-0919 ED 020 766

LIBRARIES
LIBRARY SERVICES FOR THE NATION'S NEEDS, TOWARD FULLFILLMENT OF A NATIONAL POLICY. REPORT OF THE NATIONAL ADVISORY COMMISSION ON LIBRARIES.
ED 020 446

NEW DIRECTIONS IN LIBRARY SERVICE FOR COLORADO, REPORT OF A SURVEY UNDERTAKEN FOR THE COLORADO STATE LIBRARY.
ED 020 746

LIBRARY SERVICES FOR THE HANDICAPPED IN OHIO.
ED 020 758

PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
ED 020 760

SUGGESTED RECOMMENDATIONS FOR INTER-LIBRARY COOPERATION IN THE STATE OF NEW JERSEY.
ED 020 764

THE EFFECT OF ARRANGEMENT ON THE USE OF LIBRARY CATALOGS–AN EXPERIMENTAL STUDY OF A DIVIDED AND A DICTIONARY CATALOG. FINAL REPORT.
BR-7-E-014 ED 020 767

LIBRARY ASSOCIATIONS
PROGRESS AND PROSPECT, A SUMMARY OF THE PROCEEDINGS OF THE SECOND ANNUAL CONFERENCE OF THE COUNCIL ON LIBRARY TECHNOLOGY (TOLEDO, MAY 23-25, 1968).
ED 020 769

LIBRARY COOPERATION
SUGGESTED RECOMMENDATIONS FOR INTER-LIBRARY COOPERATION IN THE STATE OF NEW JERSEY.
ED 020 764

LIBRARY EDUCATION
LIBRARY TECHNICIAN PROGRAMS IN JUNIOR COLLEGES–COURSES OFFERED IN 1966-67 CATALOGS.
ED 020 730

A STUDY OF THE NEED FOR ADDITIONAL FACILITIES FOR THE EDUCATION OF LIBRARIANS IN THE UNIVERSITY OF CALIFORNIA.
ED 020 750

PROGRESS AND PROSPECT, A SUMMARY OF THE PROCEEDINGS OF THE SECOND ANNUAL CONFERENCE OF THE COUNCIL ON LIBRARY TECHNOLOGY (TOLEDO, MAY 23-25, 1968).
ED 020 769

LIBRARY FACILITIES
LIBRARY SERVICES FOR THE HANDICAPPED IN OHIO.
ED 020 758

STUDY TO DEVELOP A RESEARCH PROGRAM FOR THE DESIGN DEVELOPMENT OF MODERN COLLEGE LIBRARIES. FINAL REPORT.
BR-7-C-031 ED 020 762

LIBRARY SERVICES IN NEW JERSEY STATE INSTITUTIONS, A SURVEY WITH RECOMMENDATIONS.
ED 020 763

LIBRARY MATERIALS
THE BUCK HILL FALLS REPORT, THE CHANGING NATURE AND SCOPE OF THE SCHOOL AND LIBRARY MARKET. ARE NEW MARKETING TECHNIQUES NEEDED. A CONFERENCE SPONSORED BY THE SCHOOL AND LIBRARY PROMOTION AND MARKETING COMMITTEE (BUCK HILL FALLS, APRIL 27-29,1966).
ED 020 747

LIBRARY PROGRAMS
NEW DIRECTIONS IN LIBRARY SERVICE FOR COLORADO, REPORT OF A SURVEY UNDERTAKEN FOR THE COLORADO STATE LIBRARY.
ED 020 746

SUGGESTED RECOMMENDATIONS FOR INTER-LIBRARY COOPERATION IN THE STATE OF NEW JERSEY.
ED 020 764

LIBRARY RESEARCH
STUDY TO DEVELOP A RESEARCH PROGRAM FOR THE DESIGN DEVELOPMENT OF MODERN COLLEGE LIBRARIES. FINAL REPORT.
BR-7-C-031 ED 020 762

LIBRARY SCHOOLS
A STUDY OF THE NEED FOR ADDITIONAL FACILITIES FOR THE EDUCATION OF LIBRARIANS IN THE UNIVERSITY OF CALIFORNIA.
ED 020 750

LIBRARY SCIENCE
LIBRARY TECHNICIAN PROGRAMS IN JUNIOR COLLEGES–COURSES OFFERED IN 1966-67 CATALOGS.
ED 020 730

LIBRARY SERVICES
LIBRARY SERVICES FOR THE NATION'S NEEDS, TOWARD FULLFILLMENT OF A NATIONAL POLICY. REPORT OF THE NATIONAL ADVISORY COMMISSION ON LIBRARIES.
ED 020 446

NEW DIRECTIONS IN LIBRARY SERVICE FOR COLORADO, REPORT OF A SURVEY UNDERTAKEN FOR THE COLORADO STATE LIBRARY.
ED 020 746

SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD.
ED 020 756

LIBRARY SERVICES FOR THE HANDICAPPED IN OHIO.
ED 020 758

STUDY TO DEVELOP A RESEARCH PROGRAM FOR THE DESIGN DEVELOPMENT OF MODERN COLLEGE LIBRARIES. FINAL REPORT.
BR-7-C-031 ED 020 762

LIBRARY SERVICES IN NEW JERSEY STATE INSTITUTIONS, A SURVEY WITH RECOMMENDATIONS.
ED 020 763

SUGGESTED RECOMMENDATIONS FOR INTER-LIBRARY COOPERATION IN THE STATE OF NEW JERSEY.
ED 020 764

BALTIMORE REACHES OUT–LIBRARY SERVICE TO THE DISADVANTAGED. DEICHES FUND STUDIES OF PUBLIC LIBRARY SERVICE, NUMBER 3.
ED 020 768

LIBRARY SURVEYS
SURVEY OF LIBRARY PERSONNEL IN SIERRA COLLEGE EMPLOYMENT AREA.
ED 020 716

NEW DIRECTIONS IN LIBRARY SERVICE FOR COLORADO, REPORT OF A SURVEY UNDERTAKEN FOR THE COLORADO STATE LIBRARY.
ED 020 746

SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD.
ED 020 756

SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD. APPENDIX.
ED 020 757

LIBRARY SERVICES IN NEW JERSEY STATE INSTITUTIONS, A SURVEY WITH RECOMMENDATIONS.
ED 020 763

LIBRARY TECHNICAL PROCESSES
PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
ED 020 760

LIBRARY TECHNICIANS
PROGRESS AND PROSPECT, A SUMMARY OF THE PROCEEDINGS OF THE SECOND ANNUAL CONFERENCE OF THE COUNCIL ON LIBRARY TECHNOLOGY (TOLEDO, MAY 23-25, 1968).
ED 020 769

LIGHTING
THE CO-ORDINATED CLASSROOM.
ED 020 621

SCHOOL LIGHTING
ED 020 628

ENVIRONMENTAL ABSTRACTS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 1.
SER-1 ED 020 629

LINEAR PROGRAMING
A COMPARISON OF LINEAR AND BRANCHING TECHNIQUES OF PROGRAMED INSTRUCTION IN PLANE GEOMETRY. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMING MATHEMATICS IN AUTOMATED INSTRUCTION. TECHNICAL REPORT NO. 1.
NDEA-7A-806 ED 020 677

LINGUISTIC PATTERNS
THE IMPACT OF PL 89-10 TITLE I ACTIVITIES ON THE READING COMPETENCE OF ELEMENTARY AND SECONDARY SCHOOL LEARNERS. FINAL REPORT.
OE-6-99-162 ED 020 862

LINGUISTIC THEORY
THE SOUND PATTERN OF ENGLISH.
ED 020 511

THE CURRENT DISCREPANCY BETWEEN THEORETICAL AND APPLIED LINGUISTICS.
ED 020 513

THE SYNTACTIC STRUCTURES OF 5-YEAR-OLD CULTURALLY DEPRIVED CHILDREN.
OEO-510 ED 020 788

LINGUISTICS
NOTES ON CURRENT DEVELOPMENTS IN THE STUDY OF LANGUAGE IN CULTURE AND SOCIETY.
ED 020 502

THE PSYCHOLOGY OF LANGUAGE.
ED 020 508

THE CURRENT DISCREPANCY BETWEEN THEORETICAL AND APPLIED LINGUISTICS.
ED 020 513

TRANSFORMATIONAL GRAMMAR--A GUIDE FOR TEACHERS.
ED 020 522

LANGUAGE AND LANGUAGE LEARNING. THEORY AND PRACTICE. SECOND EDITION.
ED 020 698

LINGUISTICS AND THE TEACHING OF READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-12 ED 020 881

LISTENING SKILLS
INNOVATIVE PROGRAM IN JUNIOR HIGH SCHOOL GENERAL MUSIC AND LISTENING IN THE CLASSROOM.
DPSC-66-151 ED 020 582

LITERARY HISTORY
BASEBALL IN AMERICAN FICTION.
ED 020 931

LITERATURE
HANDBOOK FOR ENGLISH LANGUAGE ARTS, GRADES 5-12, READING AND LITERATURE.
CB-10 ED 020 857

TEACHING "MOBY DICK," A METHOD AND AN APPROACH.
ED 020 932

LITERATURE REVIEWS
THE RATIONALE FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY. A SURVEY, ANALYSIS AND CRITIQUE OF THE LITERATURE FROM 1919 TO 1961.
ED 020 475

EFFECTIVENESS OF THE HEAD START PROGRAM IN ENHANCING SCHOOL READINESS OF CULTURALLY DEPRIVED CHILDREN.
OEO-570 ED 020 771

LIVING STANDARDS
PENNSYLVANIA MIGRATORY LABOR PROGRAM, 1967. ANNUAL REPORT.
ED 020 823

LOGICAL THINKING
AN ANALYSIS OF A CLASS OF PROBLEM SOLVING BEHAVIOR. FINAL REPORT.
BR-5-0314 ED 020 776

LONGITUDINAL STUDIES
A FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART.
OEO-510 ED 020 786

DELINQUENCY PRONE YOUTH--LONGITUDINAL AND PREVENTIVE RESEARCH, EAU CLAIRE COUNTY YOUTH STUDY, PHASE III, 1965-68.
2-R11-MH00672-07 ED 020 814

LOW INCOME GROUPS
AN ANALYSIS OF THE CHARACTERISTICS OF THE UNEMPLOYED AND UNDEREDUCATED AS THEY RELATE TO PROGRAM PLANNING FOR CONTINUING EDUCATION IN MODESTO. REVISED ADULT EDUCATION PROGRAM PLAN.
ED 020 452

"PROGRAM AIDES" FOR WORK WITH LOW-INCOME FAMILIES.
ED 020 994

RECRUITING LOW-INCOME FAMILIES FOR FAMILY LIFE EDUCATION PROGRAMS, FOUR REPORTS.
ED 020 996

LOWER CLASS
LOWER-CLASS NEGRO MOTHERS AND THEIR CHILDREN.
ED 020 999

LOWER CLASS STUDENTS
LEARNING EFFECTS OF INTEGRATION IN NEW ROCHELLE.
ED 021 000

MACHINE TRANSLATION
MACHINE TRANSLATION RESEARCH DURING THE PAST TWO YEARS.
ED 020 503

MAINTENANCE
SCHOOL LIGHTING
ED 020 628

MALES
A COMPARISON OF THE EFFECTIVENESS OF THE GRADED AND NONGRADED CURRICULUM PLANS ON ADULT MALES AT FLORIDA STATE PRISON HAVING ACADEMIC ABILITIES CORRESPONDING TO ELEMENTARY GRADES 1-8.
ED 020 483

MANAGEMENT DEVELOPMENT
EFFECTS OF MANAGEMENT DEVELOPMENT ON MANAGER BEHAVIOR AND SUBORDINATE PERCEPTION.
ED 020 466

MANAGEMENT EDUCATION
THE INTERESTS IN MANAGEMENT CONFERENCES AT EAST TENNESSEE STATE UNIVERSITY AMONG BUSINESS OWNERS AND MANAGERS.
ED 020 485

A STUDY OF THE BUSINESS AND INDUSTRIAL MANAGEMENT PROGRAMS AT COLLEGE OF SAN MATEO.
CSM-RR-1968-3 ED 020 740

MANPOWER DEVELOPMENT
UTAH MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA) SCHOOLS ASSESSMENT.
BR-6-3046 ED 021 061

THE EDUCATION AND EMPLOYMENT OF TECHNICIANS. INTERIM REPORT.
BR-5-0085 ED 021 131

NEW DEVELOPMENTS IN MANPOWER PROGRAMS.
ED 021 147

MANPOWER NEEDS
EMERGING PROGRAMS OF VOCATIONAL AND TECHNICAL EDUCATION IN SECONDARY SCHOOLS OF MISSOURI IN RELATION TO MANPOWER NEEDS. (D.ED. THESIS SUMMARY).
ED 021 050

QUANTITATIVE STUDY--AIRCRAFT INDUSTRY EMPLOYMENT NEEDS IN UTAH, COLORADO AND NEVADA. FINAL REPORT.
BR-6-3046 ED 021 129

NEW PERSPECTIVES ON MANPOWER PROBLEMS AND MEASURES.
ED 021 142

MANPOWER UTILIZATION
NEW PERSPECTIVES ON MANPOWER PROBLEMS AND MEASURES.
ED 021 142

MANUALS
PREPARATION OF UNIFORM TYPEWRITTEN REPORTS--A MANUAL OF STYLE FOR CUYAHOGA COMMUNITY COLLEGE.
ED 020 745

MARINE BIOLOGY
THE MAJOR COASTAL COMMUNITIES OF NORTH CAROLINA.
ED 020 829

A FIELD EXPERIENCE--A WHY, A HOW.
DPSC-67-4274 ED 020 830

MARKETING
THE BUCK HILL FALLS REPORT, THE CHANGING NATURE AND SCOPE OF THE SCHOOL AND LIBRARY MARKET. ARE NEW MARKETING TECHNIQUES NEEDED. A CONFERENCE SPONSORED BY THE SCHOOL AND LIBRARY PROMOTION AND MARKETING COMMITTEE (BUCK HILL FALLS, APRIL 27-29,1966).
ED 020 747

MASTER PLANS
A COMPREHENSIVE STUDY FOR THE MASTER DEVELOPMENT PLAN, POLK JUNIOR COLLEGE, WINTER HAVEN, FLORIDA.
ED 020 635

LONG RANGE DEVELOPMENT PLAN FOR HONOLULU COMMUNITY COLLEGE.
PROJ-1811-01 ED 020 643

MASTERS THESES
HOME ECONOMICS RESEARCH ABSTRACTS--1966. HOME ECONOMICS EDUCATION.
ED 021 058

MATERIAL DEVELOPMENT
CONTROLLING CULTURAL VARIATIONS IN THE PREPARATION OF TESOL MATERIALS.
ED 020 517

INSTRUCTIONAL METHODS, GERMAN.
ED 020 710

MATHEMATICAL LINGUISTICS
THE NUMERICAL CHARACTERISTICS OF SYMBOL DISTRIBUTION IN A TEXT.
ED 020 512

MATHEMATICS
SETS, SUB-SETS AND OPERATIONS.
ED 020 885

PER CENT FRACTIONS.
ED 020 886

MANEUVERS ON A GEO-BOARD.
ED 020 887

THE MATH GO-ROUND, A UNIT OF MATHASBORG.
ED 020 888

VOLUME AND SURFACE AREA.
ED 020 889

METRIC GEOMETRY LINEAR MEASURE.
ED 020 890

IDEAS FROM NUMBER THEORY.
ED 020 891

METRIC GEOMETRY, CONCEPTS OF AREA MEASURE.
ED 020 892

DIVISIBILITY TESTS.
ED 020 893

CURVES, VERTICES, KNOTS AND SUCH.
ED 020 894

ANGLES, MEASURES.
ED 020 895

ACTION WITH WHOLE NUMBERS.
ED 020 896

ACTION WITH FRACTIONS, ADDITION AND SUBTRACTION.
ED 020 897

RESEARCH AND DEVELOPMENT ACTIVITIES IN R AND I UNITS OF TWO ELEMENTARY SCHOOLS OF MILWAUKEE, WISCONSIN, 1966-1967.
BR-5-0216 ED 020 911

MATHEMATICS INSTRUCTION

THE COMPUTER AS AN AID IN TEACHING MATHEMATICS, AN INSTRUCTIONAL BULLETIN, GRADES 7-10.
ESEA-5 ED 020 660

ACHIEVEMENT OF STUDENTS FROM GROUPS INSTRUCTED BY PROGRAMED MATERIALS, CLASSROOM TEACHER, OR BOTH. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 12.
NDEA-7A-806 ED 020 675

AN ATTEMPT TO FIND AN A PRIORI MEASURE OF STEP SIZE. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 13.
NDEA-7A-806 ED 020 676

MEASUREMENT

NEW PERSPECTIVES ON MANPOWER PROBLEMS AND MEASURES.
ED 021 142

MEASUREMENT INSTRUMENTS

A STUDY OF A MEASUREMENT RESOURCE IN CHILD RESEARCH, PROJECT HEAD START.
OEO-2452 ED 020 790

AN INSTRUMENT TO MEASURE SYNTACTIC MATURITY, PRELIMINARY VERSION.
BR-6-2253 ED 020 926

AUTOMOTIVE DIESEL MAINTENANCE I. UNIT X. USE OF MEASURING TOOLS IN DIESEL MAINTENANCE.
AM-1-10 ED 021 081

MECHANICAL DESIGN TECHNICIANS

THE EDUCATION AND EMPLOYMENT OF TECHNICIANS. INTERIM REPORT.
BR-5-0085 ED 021 131

MEDIA RESEARCH

EFFECTIVENESS OF FILM IN CHANGING PARENTAL ATTITUDES. FINAL REPORT.
BR-6-1638 ED 020 659

THE DEVELOPMENT AND TESTING OF AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO HELP STUDENTS ACQUIRE BASIC ELECTRICAL OCCUPATIONAL COMPETENCIES. FINAL REPORT NO. 19.
BR-7-0031 ED 021 141

MEDICAL LABORATORY ASSISTANTS

MEDICAL LABORATORY ASSISTANT TEACHER EDUCATION INSTITUTE--PILOT PROGRAM. FINAL REPORT.
BR-7-0035 ED 021 064

MENTAL HEALTH

RAPID SOCIO-CULTURAL CHANGE AND STUDENT MENTAL HEALTH--A CROSS-CULTURAL COMPARISON.
ED 020 541

MENTAL HEALTH PROGRAMS

ISSUES IN IMPLEMENTING CAMPUS COMMUNITY MENTAL HEALTH PROGRAMS.
ED 020 530

MODELS FOR THE APPLICATION OF SYSTEMS ANALYSIS TO THE DELIVERY OF MENTAL HEALTH SERVICES.
ED 020 539

THE IMPORTANCE OF MAINTAINING LONG-TERM TREATMENT SERVICES FOR THE ECONOMICALLY DEPRIVED FAMILY.
ED 020 542

MENTAL RETARDATION

AN OVERVIEW OF RESEARCH IN LEARNING, MOTIVATION, AND PERCEPTION.
ED 020 799

MENTALLY HANDICAPPED

THE MENTALLY RETARDED IN PSYCHIATRIC HOSPITALS. THE SOUTHERN REGIONAL CONFERENCE ON MENTAL HEALTH STATISTICS.
ED 020 594

LINGUISTIC ANALYSIS OF VERBAL INTERACTION IN SPECIAL CLASSES FOR THE MENTALLY RETARDED.
BR-7-0130 ED 020 597

A STUDY OF THE EFFECTS OF TWO EXPERIMENTAL CURRICULUM UNITS ON THE SOCIAL PERCEPTION AND OCCUPATIONAL READINESS OF EDUCABLE MENTALLY RETARDED ADOLESCENTS.
BR-6-8926 ED 020 599

MILD MENTAL RETARDATION--A GROWING CHALLENGE TO THE PHYSICIAN.
GAP-REP-NO-66 ED 020 600

A REPORT ON CONTINGENCY MANAGEMENT OF VERBAL BEHAVIOR.
BR-6-1784 ED 020 610

METHODOLOGY

LINGUISTIC METHODOLOGY AND THE TEACHING OF HINDI.
ED 020 492

MANUAL FOR STUDIES OF SPACE UTILIZATION IN COLLEGES AND UNIVERSITIES.
ED 020 617

SPACE INVENTORY AND UTILIZATION MANUAL FOR THE COMPREHENSIVE FACILITIES PLANNING STUDY.
ED 020 626

METHODS COURSES

THE DEVELOPMENT AND IMPROVEMENT OF A PROGRAMED LEARNING SEQUENCE FOR USE IN CONSTRUCTING A TEACHING UNIT. FINAL REPORT.
BR-6-8356 ED 020 679

METHODS RESEARCH

THE PEACE CORPS EDUCATIONAL TELEVISION PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 10, FEEDBACK TO THE PEACE CORPS ON PROJECT PROGRESS--SOME MODELS AND SUGGESTIONS.
ED 020 669

MEXICAN AMERICANS

INTERACTION ANALYSIS OF MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS TO COLLEGE ORIENTATION.
ED 020 537

DIMENSIONS OF PROBLEM BEHAVIOR IN THE ELEMENTARY SCHOOL.
ED 020 558

COWBOYS, INDIANS, AND AMERICAN EDUCATION.
ED 020 810

RECENT TRENDS IN EDUCATIONAL STATUS OF MEXICAN-AMERICANS IN TEXAS.
ED 020 813

SPEAK UP, CHICANO.
ED 020 816

CALIFORNIA PLAN FOR THE EDUCATION OF MIGRANT CHILDREN. ANNUAL EVALUATION REPORT, FISCAL YEAR ENDING JUNE 30, 1967.
ED 020 831

NUEVAS VISTAS (NEW VIEWS), A REPORT OF THE ANNUAL CONFERENCE OF THE CALIFORNIA STATE DEPARTMENT OF EDUCATION (1ST, LOS ANGELES, APRIL 13-14, 1967).
75205-1810-300-4-68-2M ED 020 844

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH SIX, SAN YSIDRO, CALIFORNIA.
DE7-150-4-68-1M ED 020 845

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH TWELVE, WASCO, CALIFORNIA.
DE7-151-4-68-1M ED 020 846

THE CULTURALLY DISADVANTAGED MEXICAN-AMERICAN STUDENT. PART I.
ED 020 979

MEXICAN-AMERICAN

IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).
ED 020 819

MIDDLE CLASS MOTHERS

LOWER-CLASS NEGRO MOTHERS AND THEIR CHILDREN.
ED 020 999

MIGRANT CHILD EDUCATION

CALIFORNIA PLAN FOR THE EDUCATION OF MIGRANT CHILDREN. ANNUAL EVALUATION REPORT, FISCAL YEAR ENDING JUNE 30, 1967.
ED 020 831

EDUCATION OF CHILDREN OF AGRICULTURAL MIGRANTS.
ED 020 838

MIGRANT CHILDREN

REPORT ON CONFERENCES ON SPECIAL EDUCATIONAL PROGRAMS FOR MIGRATORY CHILDREN OF MIGRATORY AGRICULTURAL WORKERS.
ED 020 808

SELECTED REFERENCES ON MIGRANT CHILDREN'S EDUCATION.
ED 020 809

MIGRANT EDUCATION

REPORT ON CONFERENCES ON SPECIAL EDUCATIONAL PROGRAMS FOR MIGRATORY CHILDREN OF MIGRATORY AGRICULTURAL WORKERS.
ED 020 808

SELECTED REFERENCES ON MIGRANT CHILDREN'S EDUCATION.
ED 020 809

EDUCATION OF CHILDREN OF AGRICULTURAL MIGRANTS.
ED 020 838

NUEVAS VISTAS (NEW VIEWS), A REPORT OF THE ANNUAL CONFERENCE OF THE CALIFORNIA STATE DEPARTMENT OF EDUCATION (1ST, LOS ANGELES, APRIL 13-14, 1967).
75205-1810-300-4-68-2M ED 020 844

NEW YORK STATE MIGRANT EDUCATION PROGRAM.
ED 020 848

NEW YORK STATE INTERDEPARTMENTAL COMMITTEE ON FARM AND FOOD PROCESSING LABOR. 1967 REPORT.
ED 020 849

GUIDELINES FOR THE EDUCATION OF MIGRANT CHILDREN AS AUTHORIZED UNDER PUBLIC LAW 89-750, TITLE I, ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965.
ED 020 851

MIGRANT SCHOOLS
EDUCATION OF CHILDREN OF AGRICULTURAL MIGRANTS.
ED 020 838

MIGRANT YOUTH
NEW ROAD FOR YOUNG MIGRANTS.
ED 020 987

MIGRATION
RURAL IN-MIGRATION AND URBAN ASSIMILATION.
ED 020 811

GEOGRAPHIC FACTORS IN EMPLOYMENT AND MANPOWER DEVELOPMENT.
ED 021 145

MIGRATION PATTERNS
A DYNAMIC CHARTER FOR RURAL EDUCATION.
ED 020 834

MILITARY PERSONNEL
EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES.
ED 020 544

MILITARY SERVICE
ONE-THIRD OF A NATION, A REPORT ON YOUNG MEN FOUND UNQUALIFIED FOR MILITARY SERVICE.
ED 021 045

MINORITY GROUP CHILDREN
HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN, 1964-1965.
ED 020 970

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE WASHINGTON, D.C., PUBLIC SCHOOLS.
ED 020 971

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE LOS ANGELES AND PHOENIX PUBLIC SCHOOLS.
ED 020 972

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE DETROIT PUBLIC SCHOOLS.
ED 020 973

MINORITY GROUPS
RECENT TRENDS IN EDUCATIONAL STATUS OF MEXICAN-AMERICANS IN TEXAS.
ED 020 813

MODELS
ADULT EDUCATION INFORMATION SERVICES, ESTABLISHMENT OF A PROTOTYPE SYSTEM FOR A NATIONAL ADULT EDUCATION LIBRARY AND APPENDICES. THREE PARTS.
PROJ-D-152 ED 020 489

MODELS FOR THE APPLICATION OF SYSTEMS ANALYSIS TO THE DELIVERY OF MENTAL HEALTH SERVICES.
ED 020 539

RATIONALE FOR ELEMENTARY SCHOOL GUIDANCE. FINAL REPORT.
BR-7-0743 ED 020 553

MODERN LANGUAGES
MLA SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 686

CROSS-CULTURAL TESTING--WHAT TO TEST.
ED 020 696

PRAGUE SEMINAR ON LANGUAGE TEACHING AIMS, 1967.
ED 020 699

A SUPPLEMENT FOR GERMAN, NORWEGIAN, POLISH, RUSSIAN, AND SWEDISH TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 704

MORAL ISSUES
OBSCENITY, THE LAW AND THE ENGLISH TEACHER--TWO PAPERS.
ED 020 929

MOTHERS
CHILD REARING IN CALIFORNIA, A STUDY OF MOTHERS WITH YOUNG CHILDREN.
ED 020 783

MOTIVATION TECHNIQUES
EDUCATIONAL TELEVISION IN THE SMALL SCHOOL.
ED 020 822

MOTOR VEHICLES
CARS ON CAMPUS, A REPORT ON CIRCULATION AND PARKING POLICIES FOR THE UNIVERSITY OF WISCONSIN CAMPUS, IN MADISON.
ED 020 625

MULTICAMPUS DISTRICTS
TECHNICAL EDUCATION IN THE JUNIOR COLLEGE, EDUCATION 261E SEMINAR-- A STUDY OF TECHNICAL EDUCATION IN THE NORTH ORANGE COUNTY JUNIOR COLLEGE DISTRICT.
ED 020 738

MULTIMEDIA INSTRUCTION
ELEVEN BROADCASTING EXPERIMENTS.
ED 020 467

MULTIPLY HANDICAPPED
RESEARCH BULLETIN, NUMBER 11.
ED 020 616

MUSIC ACTIVITIES
MUSIC BUILDINGS, ROOMS AND EQUIPMENT.
ED 020 639

MUSIC EDUCATION
INNOVATIVE PROGRAM IN JUNIOR HIGH SCHOOL GENERAL MUSIC AND LISTENING IN THE CLASSROOM.
DPSC-66-451 ED 020 582

SUGGESTED GUIDELINES FOR THE JUNIOR COLLEGE CHORAL PROGRAM AS PREPARED BY THE ACDA COMMITTEE ON JUNIOR COLLEGE CHORAL PROBLEMS.
ECC-68-3 ED 020 723

STUDY TO DETERMINE THE FEASIBILITY OF ADAPTING THE CARL ORFF APPROACH TO ELEMENTARY SCHOOLS IN AMERICA. FINAL REPORT.
BR-5-8263 ED 020 804

MUSIC EQUIPMENT
MUSIC BUILDINGS, ROOMS AND EQUIPMENT.
ED 020 639

MUSIC FACILITIES
MUSIC BUILDINGS, ROOMS AND EQUIPMENT.
ED 020 639

MUSIC TECHNIQUES
STUDY TO DETERMINE THE FEASIBILITY OF ADAPTING THE CARL ORFF APPROACH TO ELEMENTARY SCHOOLS IN AMERICA. FINAL REPORT.
BR-5-8263 ED 020 804

NATIONAL PROGRAMS
LIBRARY SERVICES FOR THE NATION'S NEEDS, TOWARD FULLFILLMENT OF A NATIONAL POLICY. REPORT OF THE NATIONAL ADVISORY COMMISSION ON LIBRARIES.
ED 020 446

SOVIET POLITICAL SCHOOLS, THE COMMUNIST PARTY ADULT INSTRUCTION SYSTEM.
ED 020 453

THE EXETER PAPERS, REPORT OF THE FIRST INTERNATIONAL CONFERENCE ON THE COMPARATIVE STUDY OF ADULT EDUCATION.
ED 020 487

THE NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION--A DEMONSTRATION OF A NATIONAL PROGRAM AGENCY FOR INSTRUCTIONAL TELEVISION. FINAL REPORT.
BR-5-0273 ED 020 655

NOTES AND WORKING PAPERS CONCERNING THE ADMINISTRATION OF PROGRAMS AUTHORIZED UNDER VOCATIONAL EDCATION ACT OF 1963, PUBLIC LAW 88-210, AS AMENDED.
ED 021 15

NATIONAL SURVEYS
A SURVEY OF "SPECIAL" EDUCATIONAL PRO GRAMS FOR ADULT WOMEN IN UNIVERSIT EXTENSION DIVISIONS AND EVENING COI LEGES.
ED 020 4

TEAM TEACHING IN ELEMENTARY GRADES.
ED 020 8

SUMMARY OF REPORTS ON THIRTEEN DOC TORAL PROGRAMS IN ENGLISH EDUCATION.
ED 020 9

CONCURRENT WORK-EDUCATION (PROGRAM IN THE 50 STATES 1965-66). INITIAL DRAFT.
ED 021 04

NATURAL RESOURCES
INDEX OF SELECTED OUTDOOR RECREATION LITERATURE.
ED 020 905

NAVAHO
YAZZIE REPORTS ON EDUCATION ACTIVITIES.
ED 020 825

NEGRO ACHIEVEMENT

DYNAMICS OF ACHIEVEMENT--A STUDY OF DIFFERENTIAL GROWTH OF ACHIEVEMENT OVER TIME.
OE-TECH-N-NO-53 ED 020 527

NEGRO DIALECTS
GRAMMATICAL CONSTRUCTIONS IN THE LANGUAGE OF THE NEGRO PRESCHOOL CHILD.
ED 020 518

A BI-DIALECTAL TEST FOR DETERMINING LANGUAGE PROFICIENCY.
ED 020 519

NEGRO MOTHERS
LOWER-CLASS NEGRO MOTHERS AND THEIR CHILDREN.
ED 020 999

NEGRO STUDENTS
DYNAMICS OF ACHIEVEMENT--A STUDY OF DIFFERENTIAL GROWTH OF ACHIEVEMENT OVER TIME.
OE-TECH-N-NO-53 ED 020 527

DIMENSIONS OF PROBLEM BEHAVIOR IN THE ELEMENTARY SCHOOL.
ED 020 558

BLUEPRINT FOR TALENT SEARCHING, AMERICA'S HIDDEN MANPOWER.
ED 020 955

NEW ORLEANS SERVES UP FINE ARTS TO FEED YOUNG EGOS.
ED 020 988

DIMENSIONS OF ACHIEVEMENT-RELATED BEHAVIOR AMONG LOWER-CLASS NEGRO PARENTS.
ED 021 004

NEGRO YOUTH
PREJUDICE AND YOUR CHILD. 2D ED.
ED 020 949

NEGROES
INTERACTION ANALYSIS OF MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS TO COLLEGE ORIENTATION.
ED 020 537

THE MARK OF OPPRESSION, EXPLORATIONS IN THE PERSONALITY OF THE AMERICAN NEGRO.
ED 020 953

HOW PARENTS VIEW URBAN EDUCATION.
ED 020 964

NETWORKS
REFERENCES ON NETWORK PLANNING IN EDUCATION, RESEARCH MANAGEMENT, PROJECT SELECTION, AND PROGRAM MANAGEMENT. (TITLE SUPPLIED).
ED 020 580

NEUROLOGICAL ORGANIZATION
FIGURE-GROUND IN VISUAL PERCEPTION.
ED 020 863

NEWSLETTERS
TEAM TEACHING IN ELEMENTARY GRADES.
ED 020 800

NOMINALS
ENGLISH NOUN INFLECTION AND RELATED MATTERS FROM A GENERATIVE SEMANTIC POINT OF VIEW.
POLA-24 ED 020 506

NONCOLLEGE PREPARATORY STUDENTS
INTERACTION ANALYSIS OF MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS TO COLLEGE ORIENTATION.
ED 020 537

THE NEGLECTED MAJORITY.
ED 020 991

SCHOOLS--AND DIGNITY--FOR ALL.
ED 021 010

NONPROFESSIONAL PERSONNEL
AN OVERVIEW OF PROJECT ENABLE.
ED 020 471

THE CLASSROOM AIDE.
ED 020 837

NONSTANDARD DIALECTS
A BI-DIALECTAL TEST FOR DETERMINING LANGUAGE PROFICIENCY.
ED 020 519

NORTHERN SCHOOLS
INTEGRATION, MANDATE FOR EDUCATIONAL CHANGE.
ED 021 001

NOVELS
TEACHING "MOBY DICK," A METHOD AND AN APPROACH.
ED 020 932

NUCLEAR PHYSICS
INDUSTRIAL RADIOGRAPHY INSTRUCTOR'S GUIDE.
OE-84034 ED 020 901

INDUSTRIAL RADIOGRAPHY STUDENT GUIDE AND LABORATORY EXERCISES.
OE-84035 ED 020 902

NURSES
EDUCATIONAL PREPARATION FOR NURSE PRACTITIONERS AND ASSISTANTS TO NURSES, A POSITION PAPER.
ED 021 059

NURSES AIDES
EDUCATIONAL PREPARATION FOR NURSE PRACTITIONERS AND ASSISTANTS TO NURSES, A POSITION PAPER.
ED 021 059

NUTRITION INSTRUCTION
"PROGRAM AIDES" FOR WORK WITH LOW-INCOME FAMILIES.
ED 020 994

OBJECTIVE TESTS
A REVIEW OF RESEARCH ON THE WELSH FIGURE PREFERENCE TEST.
ED 020 546

OBJECTIVES
A STUDY OF THE GOALS AND CHARACTERISTICS OF EXTENSION CREDIT STUDENTS IN NORTHWESTERN MICHIGAN.
ED 020 478

FAMILY GOALS AND SOME FACTORS ASSOCIATED WITH THEIR ACCOMPLISHMENT.
ED 020 479

OBSERVATION
USE OF CLOSED CIRCUIT TELEVISION IN TEACHER EDUCATION, RELATIONSHIP TO ACHIEVEMENT AND SUBJECT MATTER UNDERSTANDING.
ED 020 473

OCCUPATIONAL CHOICE
CHOOSING AN OCCUPATION WISELY--A PROPOSAL TO TAKE THE GUESSWORK OUT OF FUTURE VOCATIONAL GUIDANCE.
ED 020 718

EFFECT OF AN INTEGRATED INSTRUCTIONAL COUNSELING PROGRAM TO IMPROVE VOCATIONAL DECISION-MAKING OF COMMUNITY COLLEGE YOUTH. FINAL REPORT.
BR-5-0154 ED 021 132

OCCUPATIONAL CLUSTERS
A NEW FACTOR ANALYSIS OF THE SVIB--SUGGESTED MODIFICATION OF EXISTING GROUPS AND IMPLICATIONS FOR COUNSELING.
ED 020 548

STATE-WIDE COMPUTERIZED MODEL FOR DETERMINING OCCUPATIONAL OPPORTUNITIES IN NEBRASKA.
ED 021 150

OCCUPATIONAL GUIDANCE
TRIAL AND TESTING OF AN EXPERIMENTAL GUIDANCE CURRICULUM. FINAL REPORT.
BR-7-8091 ED 020 554

EFFECT OF AN INTEGRATED INSTRUCTIONAL COUNSELING PROGRAM TO IMPROVE VOCATIONAL DECISION-MAKING OF COMMUNITY COLLEGE YOUTH. FINAL REPORT.
BR-5-0154 ED 021 132

HOME ECONOMICS IN COLLEGES AND UNIVERSITIES.
ED 021 133

OCCUPATIONAL INFORMATION
V.I.E.W., VOCATIONAL INFORMATION FOR EDUCATION AND WORK.
BR-6-3046 ED 021 068

OCCUPATIONAL SURVEYS
THE ILLINOIS VALLEY COMMUNITY COLLEGE OCCUPATIONAL SURVEY, A COOPERATIVE ARRANGEMENT PROGRAM UNDER TITLE III OF THE HIGHER EDUCATION ACT OF 1965.
ED 020 715

TALENT SEARCH PROJECT. FINAL REPORT.
ED 020 733

AN IN-DEPTH STUDY TO ASCERTAIN WHETHER THERE IS A NEED IN THE STATE OF UTAH FOR A POST HIGH SCHOOL PROGRAM IN ORNAMENTAL HORTICULTURE.
BR-6-3046 ED 021 002

QUANTITATIVE STUDY--AIRCRAFT INDUSTRY EMPLOYMENT NEEDS IN UTAH, COLORADO AND NEVADA. FINAL REPORT.
BR-6-3046 ED 021 129

OCCUPATIONS
V.I.E.W., VOCATIONAL INFORMATION FOR EDUCATION AND WORK.
BR-6-3046 ED 021 068

OCEANOLOGY
A FIELD EXPERIENCE--A WHY, A HOW.
DPSC-67-4274 ED 020 830

OFF FARM AGRICULTRUAL OCCUPATIONS
CONTINUING EDUCATION OF ADULTS.
ED 020 455

OFFICE OCCUPATIONS
A TAXONOMY OF OFFICE ACTIVITIES FOR BUSINESS AND OFFICE EDUCATION. INTERIM REPORT. RESEARCH 12.
BR-7-1223 ED 021 140

OFFICE OCCUPATIONS EDUCATION
IN-SERVICE EDUCATION OF OFFICE OCCUPATIONS TEACHER-COORDINATORS. FINAL REPORT.
BR-7-0542 ED 021 137

A TAXONOMY OF OFFICE ACTIVITIES FOR BUSINESS AND OFFICE EDUCATION. INTERIM REPORT. RESEARCH 12.
BR-7-1223 ED 021 140

ONE TEACHER SCHOOLS
KWAKIUTL VILLAGE AND SCHOOL.
ED 020 820

OPEN CIRCUIT TELEVISION

THE EFFECTIVENESS OF THE TELEVISED CLINICAL SEMINARS OF THE NEW YORK ACADEMY OF MEDICINE.
ED 020 457

ORAL COMMUNICATION

EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION--II. PROGRESS REPORT 2, SEPTEMBER 1, 1961 TO FEBRUARY 1, 1962.
ORAP-04111-2-P ED 020 499

THE FIELD OF SPEECH, ITS PURPOSES AND SCOPE IN EDUCATION.
ED 020 927

ORGANIZATION

THE NEED FOR AN ADULT BASIC EDUCATION CENTER. AN INTERIM REPORT TO THE ADVISORY COMMITTEE ON ADULT BASIC EDUCATION.
ED 020 470

A STUDY IN ORGANIZATIONAL INTERACTION BETWEEN AN EVENING COLLEGE AND ITS PARENT INSTITUTION. FINAL REPORT.
BR-6-8725 ED 020 572

NOTES AND WORKING PAPERS CONCERNING THE ADMINISTRATION OF PROGRAMS AUTHORIZED UNDER VOCATIONAL EDCATION ACT OF 1963, PUBLIC LAW 88-210, AS AMENDED.
ED 021 151

ORGANIZATIONAL CHANGE

PLANNED CHANGE--A SELECTED BIBLIOGRAPHY.
BR-5-0993 ED 020 569

RESTRUCTURING CITY GOVERNMENT. THREE PROPOSALS FOR HUMAN SERVICES.
ED 020 995

ORGANIZATIONS (GROUPS)

DIRECTORY OF ADULT EDUCATION ORGANIZATIONS, 1968.
ED 020 488

ORIENTATION

INTERACTION ANALYSIS OF MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS TO COLLEGE ORIENTATION.
ED 020 537

ORNAMENTAL HORTICULTURE OCCUPATION

AN IN-DEPTH STUDY TO ASCERTAIN WHETHER THERE IS A NEED IN THE STATE OF UTAH FOR A POST HIGH SCHOOL PROGRAM IN ORNAMENTAL HORTICULTURE.
BR-6-3046 ED 021 062

OUT OF SCHOOL YOUTH

THE FURTHER EDUCATION OF THE GENERAL STUDENT, A REPORT ON COURSES IN COLLEGES OF FURTHER EDUCATION FOR YOUNG PEOPLE WHO NEED NO VOCATIONAL QUALIFICATION.
ED 020 468

YOUTH IN NEW YORK CITY--OUT-OF-SCHOOL AND OUT-OF-WORK, A STUDY OF EMPLOYMENT AND EDUCATION OF TEENAGERS AND YOUNG ADULTS. REPORT.
ED 020 956

OUTDOOR EDUCATION

OUTDOOR EDUCATION.
ED 020 826

TEACHING IN THE OUTDOORS.
ED 020 828

THE MAJOR COASTAL COMMUNITIES OF NORTH CAROLINA.
ED 020 829

A FIELD EXPERIENCE--A WHY, A HOW.
DPSC-67-4274 ED 020 830

PROGRAM OF OUTDOOR EDUCATION FOR SOUTHERN IDAHO, CURRICULUM GUIDE.
ED 020 847

CURRICULUM ENRICHMENT OUTDOORS.
ED 020 850

SCIENCE INTERPRETIVE PROGRAM--SPERMACETI COVE INTERPRETIVE CENTER.
ED 020 898

INDEX OF SELECTED OUTDOOR RECREATION LITERATURE.
ED 020 905

SCIENCE EDUCATION INFORMATION ANALYSIS CENTER NEWSLETTER.
ED 020 916

PARALINGUISTICS

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME ONE, LEARNER'S HANDBOOK.
ED 020 523

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME TWO, SCRIPTS OF ALL AUDIO PROGRAMS.
ED 020 524

PARENT ATTITUDES

EFFECTIVENESS OF FILM IN CHANGING PARENTAL ATTITUDES. FINAL REPORT.
BR-6-1638 ED 020 659

HOW PARENTS VIEW URBAN EDUCATION.
ED 020 964

PARENT CHILD RELATIONSHIP

INTRA-FAMILY RELATIONSHIPS AND ADOLESCENT SCHOOL ADJUSTMENT. FINAL REPORT.
BR-5-8096 ED 020 555

DIMENSIONS OF ACHIEVEMENT-RELATED BEHAVIOR AMONG LOWER-CLASS NEGRO PARENTS.
ED 021 004

PARENT EDUCATION

RECRUITING LOW-INCOME FAMILIES FOR FAMILY LIFE EDUCATION PROGRAMS, FOUR REPORTS.
ED 020 996

PARENT INFLUENCE

DIMENSIONS OF ACHIEVEMENT-RELATED BEHAVIOR AMONG LOWER-CLASS NEGRO PARENTS.
ED 021 004

PARENT PARTICIPATION

MAKING WAVES, DENVER HEAD START.
ED 020 802

PARENT REACTIONS

PARENTS' EVALUATION OF THE HEAD START PROGRAM IN THE MILWAUKEE PUBLIC SCHOOLS.
ED 020 806

PARENTAL ASPIRATION

LOWER-CLASS NEGRO MOTHERS AND THEIR CHILDREN.
ED 020 999

PARKING AREAS

CARS ON CAMPUS. A REPORT ON CIRCULATION AND PARKING POLICIES FOR THE UNIVERSITY OF WISCONSIN CAMPUS, IN MADISON.
ED 020 625

PARKING FACILITY PROJECTIONS BASED ON THE 1968 STUDENT PARKING SURVEY.
ED 020 743

PAROCHIAL SCHOOLS

SOME EFFECTS OF DUAL ENROLLMENT UPON STUDENTS ENROLLED IN THE CHICAGO LUTHERAN SHARED TIME PROGRAM. FINAL REPORT.
BR-6-8444 ED 020 567

PARTICIPANT CHARACTERISTICS

A STUDY OF THE GOALS AND CHARACTERISTICS OF EXTENSION CREDIT STUDENTS IN NORTHWESTERN MICHIGAN.
ED 020 478

PARTICIPATION

VOLUNTEER AND STAFF PARTICIPATION IN A VOLUNTARY SOCIAL WELFARE ASSOCIATION IN THE UNITED STATES, A STUDY OF THE NATIONAL YOUNG WOMEN'S CHRISTIAN ASSOCIATION.
ED 020 480

A STUDY OF THE PERSONALITY DIFFERENCES BETWEEN A GROUP OF WOMEN WHO HAD PARTICIPATED IN SEWING CLASSES IN AN ADULT EDUCATION PROGRAM AND A GROUP OF THEIR FRIENDS AND NEIGHBORS WHO HAD NOT PARTICIPATED IN ANY ADULT EDUCATION ACTIVITIES.
ED 020 481

PEDESTRIAN TRAFFIC

CARS ON CAMPUS. A REPORT ON CIRCULATION AND PARKING POLICIES FOR THE UNIVERSITY OF WISCONSIN CAMPUS, IN MADISON.
ED 020 625

PERCEPTION

THE INFLUENCE OF SYNTACTIC ERRORS ON SENTENCE RECOGNITION.
ED 020 494

EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION--II. PROGRESS REPORT 2, SEPTEMBER 1, 1961 TO FEBRUARY 1, 1962.
ORAP-04111-2-P ED 020 499

RESEARCH BULLETIN. NUMBER 14.
ED 020 592

A STUDY OF THE EFFECTS OF TWO EXPERIMENTAL CURRICULUM UNITS ON THE SOCIAL PERCEPTION AND OCCUPATIONAL READINESS OF EDUCABLE MENTALLY RETARDED ADOLESCENTS.
BR-6-8926 ED 020 599

RESEARCH BULLETIN. NUMBER 4.
ED 020 612

RESEARCH BULLETIN. NUMBER 12.
ED 020 613

VARIABLES AFFECTING THE PERFORMANCE OF YOUNG CHILDREN ON A LETTER DISCRIMINATION TASK.
ED 020 797

AN OVERVIEW OF RESEARCH IN LEARNING, MOTIVATION, AND PERCEPTION.
ED 020 799

MANAGERIAL PERCEPTION AND SUCCESS IN FARMING, FINAL CHAPTER AND APPENDICES OF A PH.D. DISSERTATION. RESEARCH SERIES IN AGRICULTURAL EDUCATION.
ED 021 057

PERCEPTION TESTS

THE JOHNS HOPKINS PERCEPTUAL TEST, THE DEVELOPMENT OF A RAPID INTELLIGENCE TEST FOR THE PRE-SCHOOL CHILD.
OEO-510 ED 020 787

PERCEPTUAL MOTOR LEARNING

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH TWELVE, WASCO, CALIFORNIA.
DE7-151-4-68-1M ED 020 846

PERFORMANCE CRITERIA
HEAD START EVALUATION AND RESEARCH CENTER, TEACHERS COLLEGE, COLUMBIA UNIVERSITY. ANNUAL REPORT (1ST), SEPTEMBER 1966-AUGUST 1967. (TITLE SUPPLIED).
ED 020 781

PERFORMANCE FACTORS
FAMILY GOALS AND SOME FACTORS ASSOCIATED WITH THEIR ACCOMPLISHMENT.
ED 020 479

LINEAR STRUCTURAL MODELS FOR RESPONSE AND LATENCY PERFORMANCE IN ARITHMETIC. PSYCHOLOGY SERIES, TECHNICAL REPORT NO. 100.
ED 020 683

AN EVALUATION AND FOLLOW-UP STUDY OF SUMMER 1966 HEAD START CHILDREN IN WASHINGTON, D.C.
OEO-1490 ED 020 794

AGE OF ENTRANCE INTO THE FIRST GRADE AS RELATED TO ARITHMETIC ACHIEVEMENT.
ED 020 801

PERIODICALS
COMPUTER-AIDED INDEXING OF A SCIENTIFIC ABSTRACTS JOURNAL BY THE UDC WITH UNIDEK--A CASE STUDY.
AIP/UDC-4 ED 020 749

PERSONALITY
A STUDY OF THE PERSONALITY DIFFERENCES BETWEEN A GROUP OF WOMEN WHO HAD PARTICIPATED IN SEWING CLASSES IN AN ADULT EDUCATION PROGRAM AND A GROUP OF THEIR FRIENDS AND NEIGHBORS WHO HAD NOT PARTICIPATED IN ANY ADULT EDUCATION ACTIVITIES.
ED 020 481

ANALYSIS OF PATTERNS OF LIFE HISTORY ANTECENDENTS OF EXECUTIVES FROM DIFFERENT COUNTRIES.
ED 020 547

CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.
BR-5-0340 ED 020 574

PERSONALITY ASSESSMENT
DEVELOPMENTAL LEVEL AND VOCATIONAL INTERESTS (SVIB).
ED 020 543

PERSONALITY DEVELOPMENT
THE CONSEQUENCES OF EARLY BILINGUALISM IN COGNITIVE DEVELOPMENT AND PERSONALITY FORMATION.
ED 020 491

CULTURAL AND SOCIOLOGICAL FACTORS RELATING TO LEARNING DEVELOPMENT. FINAL REPORT.
BR-6-8636 ED 020 550

PREJUDICE AND YOUR CHILD. 2D ED.
ED 020 949

PERSONALITY STUDIES
A REVIEW OF RESEARCH ON THE WELSH FIGURE PREFERENCE TEST.
ED 020 546

THE MARK OF OPPRESSION, EXPLORATIONS IN THE PERSONALITY OF THE AMERICAN NEGRO.
ED 020 953

PERSONALITY TESTS
A REVIEW OF RESEARCH ON THE WELSH FIGURE PREFERENCE TEST.
ED 020 546

PERSONNEL
INSTITUTE ON THE UTILIZATION OF SUPPORTIVE PERSONNEL IN SCHOOL SPEECH AND HEARING PROGRAMS (WASHINGTON, D.C., SEPTEMBER 6-8, 1967).
BR-6-1784 ED 020 609

REPORT OF THE GOVERNOR'S COMMISSION TO STUDY THE EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN.
ED 020 611

PERSONNEL NEEDS
AN ANALYSIS OF THE RATIONALE AND PROCEDURES FOR LONG-RANGE PLANNING -- FOUND IN SELECTED CORPORATE ENTERPRISES, GOVERNMENT AGENCIES OR DEPARTMENTS, AND SCHOOL SYSTEMS--WHICH ARE APPROPRIATE FOR EDUCATIONAL AND ADMINISTRATIVE PLANNING IN LOCAL SCHOOL SYSTEMS.
BR-6-8317 ED 020 571

PERSONNEL POLICY
COST ANALYSIS IN DAY CARE CENTERS FOR CHILDREN. FINAL REPORT TO U.S. CHILDREN'S BUREAU.
ED 020 559

THE SCHOOL PERSONNEL ADMINISTRATOR.
R-SERVICE-BULL-24 ED 020 562

TEACHER-BOARD AGREEMENTS CONCERNING CONDITIONS OF WORK.
R-BULL-29 ED 020 568

PHONETICS
THE SOUND PATTERN OF ENGLISH.
ED 020 511

PHYSICAL ACTIVITIES
FREEDOM TO MOVE.
ED 020 778

PHYSICAL DESIGN NEEDS
MUSIC BUILDINGS, ROOMS AND EQUIPMENT.
ED 020 639

PHYSICAL DEVELOPMENT
FREEDOM TO MOVE.
ED 020 778

PHYSICAL ENVIRONMENT
ENVIRONMENTAL EVALUATIONS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 2.
SER-2 ED 020 630

THE MAJOR COASTAL COMMUNITIES OF NORTH CAROLINA.
ED 020 829

PHYSICAL FITNESS
OUTDOOR EDUCATION.
ED 020 826

PHYSICAL SCIENCES
THE DETERMINATION OF SUITABLE LABORATORY EXPERIENCES FOR A PHYSICAL SCIENCE COURSE FOR PROSPECTIVE ELEMENTARY SCHOOL TEACHERS.
ED 020 899

THE RELATIONSHIPS BETWEEN CONCEPTS OF FORCE ATTAINED AND MATURITY AS INDICATED BY GRADE LEVELS.
BR-5-0216 ED 020 910

PHYSICALLY HANDICAPPED
HOW TO ADAPT A CAMPUS FOR THE HANDICAPPED. STUDENTS ON WHEELS.
ED 020 648

LIBRARY SERVICES FOR THE HANDICAPPED IN OHIO.
ED 020 758

PHYSICIANS
THE EFFECTIVENESS OF THE TELEVISED CLINICAL SEMINARS OF THE NEW YORK ACADEMY OF MEDICINE.
ED 020 457

PHYSICS
DEVELOPMENT OF MULTI-COORDINATE VOCABULARY, PLASMA PHYSICS.
ED 020 903

LESSONS PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6.
BR-5-0216 ED 020 907

PRODUCTION AND USE OF SINGLE CONCEPT FILMS IN PHYSICS TEACHING.
ED 020 917

THE EFFECTS OF NATIONAL SCIENTIFIC STYLE ON THE UNDERSTANDING OF SCIENTIFIC INNOVATION--SPECIAL RELATIVITY, A CASE HISTORY. FINAL REPORT.
BR-5-8280 ED 020 918

PICTORIAL STIMULI
A STUDY OF THE RELATIVE EFFECTIVENESS OF VARIED VISUAL ILLUSTRATIONS. FINAL REPORT.
BR-6-8840 ED 020 658

COGNITIVE PROCESSES IN THE DEVELOPMENT OF CHILDREN'S APPRECIATION OF HUMOR.
ED 020 784

PILOT PROJECTS
A PILOT PROGRAM TO TEST THE FEASIBILITY OF INCREASING THE NUMBER OF VOCATIONAL AND TECHNICAL EDUCATION SCHOLARSHIPS IN TOOELE COUNTY, UTAH. FINAL REPORT.
ED 021 060

A PRE-TECHNICAL PROGRAM FOR GEORGIA'S AREA VOCATIONAL-TECHNICAL SCHOOLS, A REPORT ON A PILOT PROGRAM.
ED 021 134

PLANNING
AN ANALYSIS OF THE RATIONALE AND PROCEDURES FOR LONG-RANGE PLANNING -- FOUND IN SELECTED CORPORATE ENTERPRISES, GOVERNMENT AGENCIES OR DEPARTMENTS, AND SCHOOL SYSTEMS--WHICH ARE APPROPRIATE FOR EDUCATIONAL AND ADMINISTRATIVE PLANNING IN LOCAL SCHOOL SYSTEMS.
BR-6-8317 ED 020 571

NEW LIFE FOR OLD SCHOOLS. REPORT OF A WORKSHOP FOR REPRESENTATIVES OF THE GREAT CITIES IN RELATION TO THE SPRING CONFERENCE OF THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, (NEW YORK, MAY 1, 1965).
ED 020 618

EDUCATION FOR RURAL PEOPLES IN THE NEW AMERICA.
ED 020 832

PLANNING COMMISSIONS
REPORT OF STUDY COMMITTEE I-C, AREA POSTSECONDARY INSTITUTIONS-- COMMUNITY COLLEGES.
ED 020 731

POLICE
THE CINCINNATI POLICE-JUVENILE ATTITUDE PROJECT, POLICE-TEACHER CURRICULUM DEVELOPMENT FOR IMPROVING POLICE JUVENILE RELATIONS. FINAL REPORT.
ED 020 469

POLICY
INTEGRATION AND THE SCHOOLS, A STATEMENT OF POLICY AND RECOMMENDATIONS. POSITION PAPER NO. 3.
ED 021 005

POPULATION DISTRIBUTION
KAUAI COMMUNITY COLLEGE, SITE SELECTION REPORT.
ED 020 642

POPULATION TRENDS
THE RURAL FAMILY IN 1965.
ED 020 841

OUR CHANGING RURAL SOCIETY--PERSPECTIVES AND TRENDS.
ED 020 854

PORTUGUESE
A SUPPLEMENT FOR SPANISH AND PORTUGUESE TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 705

POST SECONDARY EDUCATION
COUNSELING THE TECHNICALLY-ORIENTED STUDENT.
ED 020 531

SURVEY OF COMMERCIAL ARTS CURRICULUM. FINAL REPORT.
BR-6-3046 ED 021 042

VOCATIONAL SCHOLARSHIPS, FINANCIAL AIDS AVAILABLE TO STUDENTS PURSUING VOCATIONAL OR TECHNICAL TRAINING IN NON-BACCALAUREATE PROGRAMS AT UTAH POST-SECONDARY SCHOOLS.
BR-6-3046 ED 021 051

INTEREST AND INTELLECTUAL INDICES RELATED TO SUCCESSFUL AND NON-SUCCESSFUL MALE COLLEGE STUDENTS IN TECHNICAL AND ASSOCIATE DEGREE PROGRAMS. FINAL REPORT.
BR-5-0116 ED 021 127

POST SECONDARY SCHOOLS
A PRE-TECHNICAL PROGRAM FOR GEORGIA'S AREA VOCATIONAL-TECHNICAL SCHOOLS, A REPORT ON A PILOT PROGRAM.
ED 021 134

POVERTY PROGRAMS
ASSESSMENT OF CHILDREN PARTICIPATING IN A COMPREHENSIVE ATTACK ON FAMILIAL POVERTY.
ED 020 998

POWER STRUCTURE
ELEVENTH REPORT OF THE STANDING COMMITTEE ON BROADCASTING, FILMS AND ASSISTANCE TO THE ARTS.
R-11 ED 020 458

A STUDY IN ORGANIZATIONAL INTERACTION BETWEEN AN EVENING COLLEGE AND ITS PARENT INSTITUTION. FINAL REPORT.
BR-6-8725 ED 020 572

SMALL TOWN IN MASS SOCIETY--CLASS, POWER, AND RELIGION IN A RURAL COMMUNITY.
ED 020 842

RESPECT, ENGAGEMENT, RESPONSIBILITY.
ED 020 989

PREDICTION
THE FINANCIAL PHASE OF LONG RANGE PLANNING FOR PUBLIC SCHOOLS--PRESENTING A METHOD FOR PROJECTION.
DPSC-67-2938 ED 020 563

PRESCHOOL CHILDREN
GRAMMATICAL CONSTRUCTIONS IN THE LANGUAGE OF THE NEGRO PRESCHOOL CHILD.
ED 020 518

THE ENTRY INTO NATURAL COMMUNITIES OF REINFORCEMENT.
ED 020 533

THE LIMITATIONS OF BRIEF INTELLIGENCE TESTING WITH YOUNG CHILDREN.
OEO-510 ED 020 774

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, 1966-67 YEAR PROGRAM.
ED 020 780

THE SYNTACTIC STRUCTURES OF 5-YEAR-OLD CULTURALLY DEPRIVED CHILDREN.
OEO-510 ED 020 788

LANGUAGE CONTROL IN A GROUP OF HEAD START CHILDREN.
OEO-510 ED 020 789

REGIONAL EVALUATION AND RESEARCH CENTER FOR HEAD START, SOUTHERN UNIVERSITY. ANNUAL REPORT.
ED 020 792

A VOLUNTARY PREKINDERGARTEN LANGUAGE DEVELOPMENT AND READING PROGRAM FOR THE ENTIRE FOUR-YEAR-OLD POPULATION OF A CITY (AN INVESTIGATION OF MACHINE-TAUGHT READING). FINAL REPORT.
BR-6-1383 ED 020 855

CRITICAL READING DEVELOPS EARLY.
ED 020 866

PRESCHOOL EDUCATION
THE ENTRY INTO NATURAL COMMUNITIES OF REINFORCEMENT.
ED 020 533

PRE-SCHOOL EDUCATION.
ED 020 785

PRESCHOOL LEARNING
REGIONAL EVALUATION AND RESEARCH CENTER FOR PROJECT HEAD START, SUPPLEMENTARY RESEARCH REPORT, SEPTEMBER 1, 1967-DECEMBER 31, 1967.
IED-66-1-11 ED 020 791

PRESCHOOL PROGRAMS
EFFECTIVENESS OF THE HEAD START PROGRAM IN ENHANCING SCHOOL READINESS OF CULTURALLY DEPRIVED CHILDREN.
OEO-570 ED 020 771

THE IMPACT OF OPERATION HEAD START ON GREENE COUNTY, OHIO, AN EVALUATION REPORT.
OEO-572 ED 020 772

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, SUMMER 1967. PHASE THREE FINAL REPORT.
ED 020 779

MAKING WAVES, DENVER HEAD START.
ED 020 802

A VOLUNTARY PREKINDERGARTEN LANGUAGE DEVELOPMENT AND READING PROGRAM FOR THE ENTIRE FOUR-YEAR-OLD POPULATION OF A CITY (AN INVESTIGATION OF MACHINE-TAUGHT READING). FINAL REPORT.
BR-6-1383 ED 020 855

ASSESSMENT OF CHILDREN PARTICIPATING IN A COMPREHENSIVE ATTACK ON FAMILIAL POVERTY.
ED 020 998

PRESCHOOL TESTS
THE JOHNS HOPKINS PERCEPTUAL TEST, THE DEVELOPMENT OF A RAPID INTELLIGENCE TEST FOR THE PRE-SCHOOL CHILD.
OEO-510 ED 020 787

PRESERVICE EDUCATION
INNER-CITY SCHOOLS ARE ONE BIG LAB.
ED 021 015

PRETECHNOLOGY PROGRAMS
A PRE-TECHNICAL PROGRAM FOR GEORGIA'S AREA VOCATIONAL-TECHNICAL SCHOOLS, A REPORT ON A PILOT PROGRAM.
ED 021 134

PREVENTION
PREVENTION OF FAILURE.
ED 020 777

PRIMARY GRADES
AN EXPLORATION OF THE USES OF RHYTHMIC MOVEMENT TO DEVELOP AESTHETIC CONCEPTS IN THE PRIMARY GRADES.
CRP-S-416 ED 020 770

A GUIDE FOR BEGINNING TEACHERS OF READING, GRADES 1-4.
CB-5 ED 020 858

ECLECTIC READING INSTRUCTION FOR PRIMARY GRADE SUCCESS.
ED 020 869

PRINCIPALS
PERCEPTIONS OF THE SUPERVISORY BEHAVIOR OF SECONDARY SCHOOL PRINCIPALS.
ED 020 579

PRISONERS
A COMPARISON OF THE EFFECTIVENESS OF THE GRADED AND NONGRADED CURRICULUM PLANS ON ADULT MALES AT FLORIDA STATE PRISON HAVING ACADEMIC ABILITIES CORRESPONDING TO ELEMENTARY GRADES 1-8.
ED 020 483

PRIVATE FINANCIAL SUPPORT
A STUDY OF PRIVATE TWO-YEAR COLLEGE FUND RAISING PROGRAMS.
ED 020 722

PRIVATE SCHOOLS
A STUDY OF PRIVATE TWO-YEAR COLLEGE FUND RAISING PROGRAMS.
ED 020 722

PROBLEM CHILDREN
EAU CLAIRE COUNTY STUDY, PHASE II 1964-65.
NIMH-GNO-2-R11-672-04 ED 020 812

PROBLEM SOLVING
CONFORMITY, DEVIATION AND LEADERSHIP AS A FUNCTION OF FEEDBACK IN GROUPS.
ED 020 472

A PARADIGM FOR EXPERIMENTAL MODIFICATION OF THE EFFECTS OF TEST ANXIETY ON COGNITIVE PROCESSES.
BR-5-0252 ED 020 549

A SYSTEM APPROACH FOR SOLVING EDUCATIONAL PROBLEMS.
DPSC-67-4410 ED 020 585

LINEAR STRUCTURAL MODELS FOR RESPONSE AND LATENCY PERFORMANCE IN ARITHMETIC. PSYCHOLOGY SERIES, TECHNICAL REPORT NO. 100.
ED 020 683

REGIONAL EVALUATION AND RESEARCH CENTER FOR PROJECT HEAD START, SUPPLEMENTARY RESEARCH REPORT, SEPTEMBER 1, 1967-DECEMBER 31, 1967.
IED-66-1-11 ED 020 791

PROFESSIONAL ASSOCIATIONS
EDUCATIONAL PREPARATION FOR NURSE PRACTITIONERS AND ASSISTANTS TO NURSES, A POSITION PAPER.
ED 021 059

PROFESSIONAL ASSOCIATIONS
***SCHOOL INTEGRATION**

ISSUES IN AMERICAN EDUCATION.
ED 020 965

PROFESSIONAL CONTINUING EDUCATION

DATA PROCESSING CURRICULUM FOR EDUCATORS. FINAL REPORT.
BR-8-0449 ED 020 451

THE EFFECTIVENESS OF THE TELEVISED CLINICAL SEMINARS OF THE NEW YORK ACADEMY OF MEDICINE.
ED 020 457

ADULT LEARNING SEMINAR, PROCEEDINGS (SYRACUSE UNIVERSITY, NEW YORK, JUNE 12-16, 19670.
ED 020 482

PROFESSIONAL EDUCATION

TRAINING IN THERAPEUTIC WORK WITH CHILDREN. CLINICAL APPROACHES TO PROBLEMS OF CHILDHOOD, VOLUME 2. LANGLEY PORTER CHILD PSYCHIATRY SERIES.
ED 020 598

PROFESSIONAL PERSONNEL

VOLUNTEER AND STAFF PARTICIPATION IN A VOLUNTARY SOCIAL WELFARE ASSOCIATION IN THE UNITED STATES, A STUDY OF THE NATIONAL YOUNG WOMEN'S CHRISTIAN ASSOCIATION.
ED 020 480

CHARACTERISTICS OF PROFESSIONAL PERSONNEL IN COLLEGE AND UNIVERSITY LIBRARIES. FINAL REPORT.
BR-5-0919 ED 020 766

INDIVIDUALIZED READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-1 ED 020 876

PROFESSIONAL TRAINING

EDUCATIONAL ADMINISTRATOR TRAINING FOR THE MULTI-CULTURAL COMMUNITY. FINAL REPORT FOR THE NATIONAL INSTITUTE OF MENTAL HEALTH.
ED 020 577

OPERATION PEP--A STATE-WIDE PROJECT TO PREPARE EDUCATIONAL PLANNERS FOR CALIFORNIA.
DPSC-67-4410 ED 020 584

DESIGN CONSIDERATIONS FOR THE INSTRUCTIONAL PROGRAM OF OPERATION PEP.
DPSC-67-4410 ED 020 586

REPORT OF A PRELIMINARY SURVEY ON DOCTORAL PREPARATION IN ENGLISH EDUCATION.
ED 020 921

PROFESSORS

THE USE OF SCIENTIFIC INFORMATION IN THE UNDERGRADUATE TEACHING OF PSYCHOLOGY. APA-PSIEP REPORT NO. 17.
ED 020 752

PROGRAM ADMINISTRATION

BASIC REQUIREMENTS FOR AN ADEQUATE PUPIL PERSONNEL PROGRAM.
ED 020 540

FACILITIES AND EQUIPMENT FOR DISTRIBUTIVE EDUCATION PROGRAMS.
ED 020 647

FLES--A GUIDE FOR PROGRAM REVIEW.
ED 020 708

MANPOWER AND THE PUBLIC EMPLOYMENT SERVICE IN EUROPE, A STUDY OF PROGRAMS AND OPERATIONS.
ED 021 047

UTAH MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA) SCHOOLS ASSESSMENT.
BR-6-3046 ED 021 061

PROGRAM ATTITUDES

INTEREST AND INTELLECTUAL INDICES RELATED TO SUCCESSFUL AND NON-SUCCESSFUL MALE COLLEGE STUDENTS IN TECHNICAL AND ASSOCIATE DEGREE PROGRAMS. FINAL REPORT.
BR-5-0116 ED 021 127

OPINION OF EDUCATORS ON BLOCK-TIME VOCATIONAL BUSINESS AND OFFICE PRACTICE CLASSES. FINAL REPORT.
BR-6-3046 ED 021 136

PROGRAM BUDGETING

STUDY OF FEASIBILITY OF NEW EDUCATIONAL MEDIA FOR DEVELOPING COUNTRIES.
ED 020 685

PROGRAM CONTENT

DOSSIER SUR "LA FORMATION PROFESSIONNELLE DES DIRECTEURS DE LABORATOIRE DE LANGUES" (PROPOSED COURSE OF STUDY FOR THE PROFESSIONAL PREPARATION OF LANGUAGE LABORATORY DIRECTORS).
ED 020 687

PROGRAM COSTS

STUDY OF FEASIBILITY OF NEW EDUCATIONAL MEDIA FOR DEVELOPING COUNTRIES.
ED 020 685

PROGRAM DESCRIPTIONS

THE LINGUA PLAN.
GRN-0-301 ED 020 504

EDUCATION FOR INITIATIVE AND RESPONSIBILITY, COMMENTS ON A VISIT TO THE SCHOOLS OF LEICESTERSHIRE COUNTY, APRIL 1967. SECOND EDITION.
ED 020 795

MAKING WAVES, DENVER HEAD START.
ED 020 802

SCIENCE INTERPRETIVE PROGRAM--SPERMACETI COVE INTERPRETIVE CENTER.
ED 020 898

HIGH RISK.
ED 020 985

SURVEY OF COMMERCIAL ARTS CURRICULUM. FINAL REPORT.
BR-6-3046 ED 021 042

NEW DEVELOPMENTS IN MANPOWER PROGRAMS.
ED 021 147

PROGRAM DESIGN

DESIGN CONSIDERATIONS FOR THE INSTRUCTIONAL PROGRAM OF OPERATION PEP.
DPSC-67-4410 ED 020 586

PROGRAM DEVELOPMENT

ERIC--DEVELOPMENT THROUGH JUNE, 1968.
ED 020 450

AN ANALYSIS OF THE CHARACTERISTICS OF THE UNEMPLOYED AND UNDEREDUCATED AS THEY RELATE TO PROGRAM PLANNING FOR CONTINUING EDUCATION IN MODESTO, REVISED ADULT EDUCATION PROGRAM PLAN.
ED 020 452

A STUDY OF SELECTED FACTORS INHIBITING THE DEVELOPMENT OF ADULT EDUCATION IN THE STATE OF MICHIGAN, 1957-58.
ED 020 477

INNOVATIVE PROGRAM IN JUNIOR HIGH SCHOOL GENERAL MUSIC AND LISTENING IN THE CLASSROOM.
DPSC-66-451 ED 020 582

SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD.
ED 020 756

DEVELOPING HIGH SCHOOL READING PROGRAMS.
ED 020 867

FRESHMAN ENGLISH AT NINE INSTITUTIONS WHICH HAVE ELIMINATED THE TRADITIONAL COURSE IN FRESHMAN COMPOSITION--ANTIOCH, ELMIRA, JUNIATA, AND SWARTHMORE COLLEGES AND BAKER, CLARK, EMORY, MARYLAND, AND TULANE UNIVERSITIES.
ED 020 942

FRESHMAN ENGLISH AT SEVEN COLLEGES--AUGUSTANA COLLEGE, CENTRAL WASHINGTON STATE COLLEGE, CLARKE COLLEGE, STATE COLLEGE AT FRAMINGHAM, HARDING COLLEGE, EMPORIA STATE TEACHERS COLLEGE, AND KING'S COLLEGE.
ED 020 946

EMERGING PROGRAMS OF VOCATIONAL AND TECHNICAL EDUCATION IN SECONDARY SCHOOLS OF MISSOURI IN RELATION TO MANPOWER NEEDS. (D.ED. THESIS SUMMARY).
ED 021 050

EDUCATIONAL PREPARATION FOR NURSE PRACTITIONERS AND ASSISTANTS TO NURSES, A POSITION PAPER.
ED 021 059

PROGRAM EFFECTIVENESS

EFFECTIVENESS OF THE HEAD START PROGRAM IN ENHANCING SCHOOL READINESS OF CULTURALLY DEPRIVED CHILDREN.
OEO-570 ED 020 771

A FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART.
OEO-510 ED 020 786

PRIDE OF PERFORMANCE SURVEY. FINAL REPORT.
BR-6-3046 ED 021 040

PROGRAM EVALUATION

EVALUATION OF ERIC, JUNE 1968.
ED 020 449

ADULT BASIC EDUCATION.
ED 020 464

ADULT LEARNING SEMINAR, PROCEEDINGS (SYRACUSE UNIVERSITY, NEW YORK, JUNE 12-16, 19670.
ED 020 482

AN EVALUATION STUDY OF THE COLLEGE FACILITIES PROGRAM. FINAL REPORT.
ED 020 627

THE NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION--A DEMONSTRATION OF A NATIONAL PROGRAM AGENCY FOR INSTRUCTIONAL TELEVISION. FINAL REPORT.
BR-5-0273 ED 020 655

ACHIEVEMENT OF STUDENTS FROM GROUPS INSTRUCTED BY PROGRAMED MATERIALS, CLASSROOM TEACHER, OR BOTH. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION. TECHNICAL REPORT NO. 12.
NDEA-7A-806 ED 020 675

FLES--A GUIDE FOR PROGRAM REVIEW.
ED 020 708

A STUDY OF THE BUSINESS AND INDUSTRIAL MANAGEMENT PROGRAMS AT COLLEGE OF SAN MATEO.
CSM-RR-1968-3 ED 020 740

THE IMPACT OF OPERATION HEAD START ON GREENE COUNTY, OHIO, AN EVALUATION REPORT.
OEO-572 ED 020 772

HEAD START EVALUATION AND RESEARCH CENTER, TEACHERS COLLEGE, COLUMBIA UNIVERSITY. ANNUAL REPORT (1ST), SEPTEMBER 1966-AUGUST 1967. (TITLE SUPPLIED).
ED 020 781

HEAD START RESEARCH AND EVALUATION OFFICE, UNIVERSITY OF CALIFORNIA AT LOS ANGELES. APPENDIX I TO THE ANNUAL REPORT, NOVEMBER 1967.
IED-1-66-12 ED 020 793

STUDY TO DETERMINE THE FEASIBILITY OF ADAPTING THE CARL ORFF APPROACH TO ELEMENTARY SCHOOLS IN AMERICA. FINAL REPORT.
BR-5-8263 ED 020 804

PARENTS' EVALUATION OF THE HEAD START PROGRAM IN THE MILWAUKEE PUBLIC SCHOOLS.
ED 020 806

BORN FOR JOY, A UNIQUE SUMMER PROGRAM FOR DISADVANTAGED CHILDREN DURING JULY, 1966.
ED 020 821

OPERATION PEBBLE. SUMMARY REPORT.
ED 020 839

PRIDE OF PERFORMANCE SURVEY. FINAL REPORT.
BR-6-3046 ED 021 040

UTAH MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA) SCHOOLS ASSESSMENT.
BR-6-3046 ED 021 061

MEDICAL LABORATORY ASSISTANT TEACHER EDUCATION INSTITUTE--PILOT PROGRAM. FINAL REPORT.
BR-7-0635 ED 021 064

A STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT.
ED 021 130

EFFECT OF AN INTEGRATED INSTRUCTIONAL COUNSELING PROGRAM TO IMPROVE VOCATIONAL DECISION-MAKING OF COMMUNITY COLLEGE YOUTH. FINAL REPORT.
BR-5-0154 ED 021 132

PROGRAM IMPROVEMENT

WHAT'S NEW IN TEACHER EDUCATION.
ED 020 689

FLES--A GUIDE FOR PROGRAM REVIEW.
ED 020 708

PROGRAM INPROVEMENT

UPGRADING ELEMENTARY READING PROGRAMS.
ED 020 880

PROGRAM PLANNING

CAPIC--FIRST YEAR REPORT, SEPTEMBER 1967.
RPS-PROJ-66-2012 ED 020 606

INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS. SUPPLEMENT, INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS WITHIN THE UNIVERSITY OF CALIFORNIA. OCCASIONAL PAPER NO. 2.
ED 020 682

A MODEL VOCATIONAL EDUCATION PROGRAM FOR THE SLOW LEARNER.
ED 021 046

PROGRAMED INSTRUCTION

EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION. PROGRESS REPORT NO. 1, FEBRUARY 1--SEPTEMBER 1, 1961.
ORAP-04411-1-P ED 020 498

THREE METHODS OF PROCESSING STUDENT RESPONSE DATA IN PROGRAMED INSTRUCTION. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 7.
NDEA-7A-806 ED 020 674

ACHIEVEMENT OF STUDENTS FROM GROUPS INSTRUCTED BY PROGRAMED MATERIALS, CLASSROOM TEACHER, OR BOTH. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 12.
NDEA-7A-806 ED 020 675

AN ATTEMPT TO FIND AN A PRIORI MEASURE OF STEP SIZE. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 13.
NDEA-7A-806 ED 020 676

A COMPARISON OF LINEAR AND BRANCHING TECHNIQUES OF PROGRAMED INSTRUCTION IN PLANE GEOMETRY. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 1.
NDEA-7A-806 ED 020 677

THE DEVELOPMENT AND IMPROVEMENT OF A PROGRAMED LEARNING SEQUENCE FOR USE IN CONSTRUCTING A TEACHING UNIT. FINAL REPORT.
BR-6-8356 ED 020 679

PROGRAMED INSTRUCTION AND THE DEMONSTRATION METHOD OF TEACHING AT THE JUNIOR HIGH LEVEL. FINAL REPORT.
BR-5-1042 ED 020 680

PROGRAMMED LEARNING OF A SECOND LANGUAGE.
ED 020 703

TEACHING BEGINNING READERS TO DISTINGUISH BETWEEN SIMILAR LETTERS OF THE ALPHABET. FINAL REPORT.
BR-6-1655 ED 020 860

THE DEVELOPMENT AND TESTING OF AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO HELP STUDENTS ACQUIRE BASIC ELECTRICAL OCCUPATIONAL COMPETENCIES. FINAL REPORT NO. 19.
BR-7-0031 ED 021 141

PROGRAMED TEXTS

ACHIEVEMENT OF STUDENTS FROM GROUPS INSTRUCTED BY PROGRAMED MATERIALS, CLASSROOM TEACHER, OR BOTH. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 12.
NDEA-7A-806 ED 020 675

AN ATTEMPT TO FIND AN A PRIORI MEASURE OF STEP SIZE. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 13.
NDEA-7A-806 ED 020 676

THE DEVELOPMENT AND IMPROVEMENT OF A PROGRAMED LEARNING SEQUENCE FOR USE IN CONSTRUCTING A TEACHING UNIT. FINAL REPORT.
BR-6-8356 ED 020 679

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. BASIC CONTROL FUNCTIONS, UNIT 9A.
ED 021 023

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. REMOTE CONTROL BY INDUSTRIAL TELEMETRY. UNIT 9C.
ED 021 026

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, COMPUTERIZED CONTROL SERIES. LOGICAL FUNDAMENTALS OF DIGITAL COMPUTERS. UNIT 10A.
ED 021 065

PROGRAMING

DESIGN AND CONSTRUCTION OF SCHOOL BUILDINGS. PROCEEDINGS, ASSOCIATION OF SCHOOL BUSINESS OFFICIALS OF THE UNITED STATES AND CANADA, ANNUAL MEETING AND EDUCATIONAL EXHIBIT, (50TH SAN FRANCISCO, CALIFORNIA, OCTOBER 71-22, 1964).
ED 020 624

PROGRAMING PROBLEMS

A STUDY OF SELECTED FACTORS INHIBITING THE DEVELOPMENT OF ADULT EDUCATION IN THE STATE OF MICHIGAN, 1957-58.
ED 020 477

PROGRAMS

IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).
ED 020 819

NEW YORK STATE INTERDEPARTMENTAL COMMITTEE ON FARM AND FOOD PROCESSING LABOR. 1967 REPORT.
ED 020 849

PROJECT APPLICATIONS

PROCEDURE FOR REQUESTING APPROVAL OF SCHOOL BUILDING PROJECTS.
BSC-413-REV ED 020 646

PROJECT EVALUATION

HOME HEALTH AIDE TRAINING PROJECT. FINAL REPORT.
ED 021 071

PROJECTS

WORDS AND MORPHEMES IN READING.
ED 020 864

PRONUNCIATION INSTRUCTION

SYSTEMATISCHER AUSSPRACHEUNTERRICHT IM SPRACHLABORATORIUM (SYSTEMATIC PRONUNCIATION INSTRUCTION IN THE LANGUAGE LABORATORY).
ED 020 693

PROPAGANDA

SOVIET POLITICAL SCHOOLS, THE COMMUNIST PARTY ADULT INSTRUCTION SYSTEM.
ED 020 453

PROPERTY ACCOUNTING

PROPERTY APPRAISAL PROVIDES CONTROL, INSURANCE BASIS, AND VALUE ESTIMATE.
ED 020 711

PSYCHOEDUCATIONAL PROCESSES

SOCIALLY DISADVANTAGED AMERICANS, SLOW LEARNERS.
ED 021 003

PSYCHOLINGUISTICS

SOME QUANTITATIVE STUDIES OF RUSSIAN CONSONANT PHONEME DISCRIMINATION. PSYCHOLOGY SERIES.

NDEA-6-92 ED 020 496

THE PSYCHOLOGY OF LANGUAGE.
ED 020 508

THE INSUFFICIENCY OF THE TRANSFORMATIONAL APPROACH TO CHILD LANGUAGE.
ED 020 509

PSYCHOLOGICAL CHARACTERISTICS
TEACHING THE DISADVANTAGED.
ED 020 990

PSYCHOLOGICAL EVALUATION
SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, SUMMER 1967. PHASE THREE FINAL REPORT.
ED 020 779

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, 1966-67 YEAR PROGRAM.
ED 020 780

PSYCHOLOGICAL SERVICES
SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, SUMMER 1967. PHASE THREE FINAL REPORT.
ED 020 779

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, 1966-67 YEAR PROGRAM.
ED 020 780

PSYCHOLOGISTS
INNOVATIONS IN SCIENTIFIC COMMUNICATION IN PSYCHOLOGY. APA-PSIEP REPORT NO. 16.
ED 020 751

INFORMATION EXCHANGE AT THE AMERICAN PSYCHOLOGICAL ASSOCIATION ANNUAL CONVENTION AND THE FUNCTION OF THE CONVENTION PROCEEDINGS IN SUCH EXCHANGE. APA-PSIEP REPORT NO. 18.
ED 020 753

INFORMATION EXCHANGE ACTIVITIES INVOLVED IN PSYCHOLOGICAL WORK. APA-PSIEP REPORT NO. 19.
ED 020 754

SCIENTIFIC COMMUNICATION AT THE XVII INTERNATIONAL CONGRESS OF PSYCHOLOGY, MOSCOW, 1966 AND SOME IMPLICATIONS FOR THE DESIGN AND OPERATION OF INTERNATIONAL MEETINGS. APA-PSIEP REPORT NO. 29.
ED 020 755

PSYCHOTHERAPY
TRAINING IN THERAPEUTIC WORK WITH CHILDREN. CLINICAL APPROACHES TO PROBLEMS OF CHILDHOOD. VOLUME 2. LANGLEY PORTER CHILD PSYCHIATRY SERIES.
ED 020 598

PUBLIC AFFAIRS EDUCATION
SOVIET POLITICAL SCHOOLS. THE COMMUNIST PARTY ADULT INSTRUCTION SYSTEM.
ED 020 453

PUBLIC EDUCATION
THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 1, THE PROJECT AS A WHOLE--ORGANIZATION, ADAPTATION, AND EXPANSION.
ED 020 663

THE FRUSTRATIONS OF PROGRESS.
ED 020 976

PUBLIC FACILITIES
LAW, VOL. 1, NO. 1, JANUARY, 1966.
ED 021 002

PUBLIC LIBRARIES
THE BUCK HILL FALLS REPORT, THE CHANGING NATURE AND SCOPE OF THE SCHOOL AND LIBRARY MARKET. ARE NEW MARKETING TECHNIQUES NEEDED. A CONFERENCE SPONSORED BY THE SCHOOL AND LIBRARY PROMOTION AND MARKETING COMMITTEE (BUCK HILL FALLS, APRIL 27-29,1966).
ED 020 747

SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD.
ED 020 756

SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD. APPENDIX.
ED 020 757

LIBRARY STATISTICS AND STATE AGENCIES, A COMPARATIVE STUDY OF THREE STATES. RESEARCH SERIES NO. 12.
ED 020 761

BALTIMORE REACHES OUT--LIBRARY SERVICE TO THE DISADVANTAGED. DEICHES FUND STUDIES OF PUBLIC LIBRARY SERVICE, NUMBER 3.
ED 020 768

PUBLIC OPINION
REALITY AND THE AUEC.
ED 020 463

PUBLIC POLICY
ELEVENTH REPORT OF THE STANDING COMMITTEE ON BROADCASTING, FILMS AND ASSISTANCE TO THE ARTS.
R-11 ED 020 458

PUBLIC SCHOOL ADULT EDUCATION
A SURVEY OF PUBLIC SCHOOL ADULT GUIDANCE SERVICES IN FIFTY CITIES.
ED 020 484

PUBLIC SCHOOL SYSTEMS
TO CREATE A SCHOOL, A DESIGN FOR WORKING RELATIONSHIPS.
ED 020 619

PROCEDURE FOR REQUESTING APPROVAL OF SCHOOL BUILDING PROJECTS.
BSC-413-REV ED 020 646

FOR EVERY CHILD, THE STORY OF INTEGRATION IN THE PHILADELPHIA PUBLIC SCHOOLS.
ED 020 951

DECENTRALIZATION AND URBAN SCHOOLS.
ED 020 959

PUBLIC SCHOOLS
SOME EFFECTS OF DUAL ENROLLMENT UPON STUDENTS ENROLLED IN THE CHICAGO LUTHERAN SHARED TIME PROGRAM. FINAL REPORT.
BR-6-8444 ED 020 567

CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.
BR-5-0340 ED 020 574

CITIES ARE CHANGING.
ED 020 963

RESPECT, ENGAGEMENT, RESPONSIBILITY.
ED 020 989

INNOVATIVE PROGRAMS IN WESTERN NEW YORK SCHOOLS.
ED 021 020

PUBLICATIONS
A FEASIBILITY STUDY TO DETERMINE NEED AND FUNCTION OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT PUBLICATIONS. FINAL REPORT.
BR-6-8645 ED 020 765

PUBLISHING INDUSTRY
THE BUCK HILL FALLS REPORT, THE CHANGING NATURE AND SCOPE OF THE SCHOOL AND LIBRARY MARKET. ARE NEW MARKETING TECHNIQUES NEEDED. A CONFERENCE SPONSORED BY THE SCHOOL AND LIBRARY PROMOTION AND MARKETING COMMITTEE (BUCK HILL FALLS, APRIL 27-29,1966).
ED 020 747

PURCHASING
STUDY OF FEASIBILITY OF NEW EDUCATIONAL MEDIA FOR DEVELOPING COUNTRIES.
ED 020 685

QUALIFICATIONS
DOSSIER SUR "LA FORMATION PROFESSIONNELLE DES DIRECTEURS DE LABORATOIRE DE LANGUES" (PROPOSED COURSE OF STUDY FOR THE PROFESSIONAL PREPARATION OF LANGUAGE LABORATORY DIRECTORS).
ED 020 687

ONE-THIRD OF A NATION, A REPORT ON YOUNG MEN FOUND UNQUALIFIED FOR MILITARY SERVICE.
ED 021 045

QUARTER SYSTEM
EVENING CLASS SCHEDULES OF LARGE COLLEGES AND UNIVERSITIES.
ED 020 744

QUESTIONNAIRES
SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD. APPENDIX.
ED 020 757

PARENTS' EVALUATION OF THE HEAD START PROGRAM IN THE MILWAUKEE PUBLIC SCHOOLS.
ED 020 806

RACIAL BALANCE
FOR EVERY CHILD, THE STORY OF INTEGRATION IN THE PHILADELPHIA PUBLIC SCHOOLS.
ED 020 951

RACIAL DIFFERENCES
SOCIALLY DISADVANTAGED AMERICANS, SLOW LEARNERS.
ED 021 003

RACIAL DISCRIMINATION
HOW PARENTS VIEW URBAN EDUCATION.
ED 020 964

THE CIVIL RIGHTS FIASCO IN PUBLIC EDUCATION, DESEGREGATION SINCE 1964.
ED 021 009

RACIAL INTEGRATION
INSTITUTE FOR EFFECTIVE SERVICE AND LEADERSHIP IN DESEGREGATED SCHOOLS.
ED 020 557

RACIAL SEGREGATION
A STATEMENT OF CONCERN FOR PUBLIC EDUCATION IN PHILADELPHIA, WITH PARTICULAR REFERENCE TO THE SPECIAL NEEDS OF CHILDREN IN UNDERPRIVILEGED, SEGREGATED AREAS.
ED 020 950

THE CRUMBLING LEGAL BARRIERS TO SCHOOL DESEGREGATION.
ED 020 977

RACISM
GHETTO SCHOOLS, AN AMERICAN TRAGEDY.
ED 020 962

RADIO TECHNOLOGY
FUNDAMENTALS OF TELEVISION SYSTEMS.

ED 020 657

RATING SCALES
THE CONSTRUCTION AND VALIDATION OF A SCALE TO MEASURE CHILDREN'S SCHOOL MORALE.
ED 020 528

RATING SCLAES
TOWARD A TENTATIVE MEASUREMENT OF THE CENTRAL THERAPEUTIC INGREDIENTS.
ED 020 532

READABILITY
READABILITY AND READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-10 ED 020 875

READING
DEVEREUX READABILITY INDEX.
ED 020 593

HANDBOOK FOR ENGLISH LANGUAGE ARTS, GRADES 5-12, READING AND LITERATURE.
CB-10 ED 020 857

TEACHING BEGINNING READERS TO DISTINGUISH BETWEEN SIMILAR LETTERS OF THE ALPHABET. FINAL REPORT.
BR-6-1657 ED 020 860

READABILITY AND READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-10 ED 020 875

READING ABILITY
THE COLLECTION AND STATISTICAL EVALUATION OF QUANTITATIVE DATA FOR HAND-EYE COORDINATION WITH RESPECT TO DETERMINING ITS CORRELATION WITH READING DISABILITY AT BOTH THE PRIMARY AND SECONDARY SCHOOL LEVELS. FINAL REPORT.
BR-6-8324 ED 020 861

READING ACHIEVEMENT
HEAD START EVALUATION AND RESEARCH CENTER, TULANE UNIVERSITY. FINAL REPORT. (TITLE SUPPLIED).
IED-66-1-13 ED 020 782

READING CLINICS
PROVIDING CLINICAL SERVICES IN READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-5 ED 020 877

READING COMPREHENSION
THE IMPACT OF PL 89-10 TITLE I ACTIVITIES ON THE READING COMPETENCE OF ELEMENTARY AND SECONDARY SCHOOL LEARNERS. FINAL REPORT.
OE-6-99-162 ED 020 862

READING CONSULTANTS
A COMPARISON OF TWO METHODS OF READING SUPERVISION. REPORT.
CRP-2706 ED 020 859

READING DEVELOPMENT
SUB-CULTURAL PATTERNS WHICH AFFECT LANGUAGE AND READING DEVELOPMENT.
ED 020 920

READING DIFFICULTY
THE COLLECTION AND STATISTICAL EVALUATION OF QUANTITATIVE DATA FOR HAND-EYE COORDINATION WITH RESPECT TO DETERMINING ITS CORRELATION WITH READING DISABILITY AT BOTH THE PRIMARY AND SECONDARY SCHOOL LEVELS. FINAL REPORT.
BR-6-8324 ED 020 861

READING INSTRUCTION
GRADE EQUIVALENT COMPARISONS BETWEEN DISADVANTAGED NEGRO URBAN CHILDREN WITH AND WITHOUT KINDERGARTEN EXPERIENCE WHEN TAUGHT TO READ BY SEVERAL METHODS.
ED 020 798

A GUIDE FOR BEGINNING TEACHERS OF READING, GRADES 1-4.
CB-5 ED 020 858

READING INSTRUCTION IN THE 1970'S FOR MEGALOPOLIS OR CENTER CITY.
ED 020 868

ECLECTIC READING INSTRUCTION FOR PRIMARY GRADE SUCCESS.
ED 020 869

AN OBSERVATION ABOUT HAWTHORNE EFFECT IN AN EXPERIMENT IN THE TEACHING OF READING IN FIRST GRADE--A HYPOTHESIS.
ED 020 870

EXPERIMENTS IN KINDERGARTEN READING.
BR-6-2865 ED 020 873

CLASSROOM ORGANIZATION FOR READING INSTRUCTION--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-6 ED 020 878

UPGRADING ELEMENTARY READING PROGRAMS.
ED 020 880

LINGUISTICS AND THE TEACHING OF READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-12 ED 020 881

READING MATERIALS
DEVELOPING ORIGINAL MATERIALS IN READING (A GUIDE FOR TEACHERS).
BR-5-0687 ED 020 445

READING PROCESSES
LINGUISTICS AND THE TEACHING OF READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-12 ED 020 881

READING PROGRAMS
GRADE EQUIVALENT COMPARISONS BETWEEN DISADVANTAGED NEGRO URBAN CHILDREN WITH AND WITHOUT KINDERGARTEN EXPERIENCE WHEN TAUGHT TO READ BY SEVERAL METHODS.
ED 020 798

A TEACHER'S GUIDE TO CONTINUOUS PROGRESS IN READING INSTRUCTION, 1967.
TITLE-3-DPSC-67-3068 ED 020 856

A COMPARISON OF TWO METHODS OF READING SUPERVISION. REPORT.
CRP-2706 ED 020 859

DEVELOPING HIGH SCHOOL READING PROGRAMS.
ED 020 867

EXPERIMENTS IN KINDERGARTEN READING.
BR-6-2865 ED 020 873

SPRINGBOARDS, TEXTS THE STUDENTS STEAL.
ED 020 969

READING SKILLS
HEAD START RESEARCH AND EVALUATION OFFICE, UNIVERSITY OF CALIFORNIA AT LOS ANGELES. APPENDIX I TO THE ANNUAL REPORT, NOVEMBER 1967.
IED-1-66-12 ED 020 793

RECOGNITION
THE INFLUENCE OF SYNTACTIC ERRORS ON SENTENCE RECOGNITION.
ED 020 494

RECRUITMENT
RECRUITING LOW-INCOME FAMILIES FOR FAMILY LIFE EDUCATION PROGRAMS, FOUR REPORTS.
ED 020 996

REFERENCE BOOKS
INDEX TO 35MM EDUCATIONAL FILMSTRIPS.
ED 020 678

REFERENCE ENCYCLOPEDIA OF THE AMERICAN INDIAN.
ED 020 853

REGIONAL PLANNING
GUIDELINES FOR THE EDUCATION OF MIGRANT CHILDREN AS AUTHORIZED UNDER PUBLIC LAW 89-750, TITLE I, ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965.
ED 020 851

REHABILITATION CENTERS
LIBRARY SERVICES IN NEW JERSEY STATE INSTITUTIONS, A SURVEY WITH RECOMMENDATIONS.
ED 020 761

REINFORCEMENT
THE ENTRY INTO NATURAL COMMUNITIES OF REINFORCEMENT.
ED 020 533

CONFERENCE SUMMARY--FROM THEORY TO PRACTICE. THE DESCRIPTION AND DEMONSTRATION OF A GUIDANCE PROGRAM IN ONE DISTRICT K-12.
ED 020 535

A REPORT ON CONTINGENCY MANAGEMENT OF VERBAL BEHAVIOR.
BR-6-1784 ED 020 610

REGIONAL EVALUATION AND RESEARCH CENTER FOR HEAD START, SOUTHERN UNIVERSITY. ANNUAL REPORT.
ED 020 792

RELATIONSHIP
A STUDY IN ORGANIZATIONAL INTERACTION BETWEEN AN EVENING COLLEGE AND ITS PARENT INSTITUTION. FINAL REPORT.
BR-6-8725 ED 020 572

RELATIVITY
THE EFFECTS OF NATIONAL SCIENTIFIC STYLE ON THE UNDERSTANDING OF SCIENTIFIC INNOVATION--SPECIAL RELATIVITY. A CASE HISTORY. FINAL REPORT.
BR-5-8280 ED 020 918

RELEASED TIME
THE FURTHER EDUCATION OF THE GENERAL STUDENT, A REPORT ON COURSES IN COLLEGES OF FURTHER EDUCATION FOR YOUNG PEOPLE WHO NEED NO VOCATIONAL QUALIFICATION.
ED 020 468

REMEDIAL COURSES
STUDY OF THE PROGRESS OF FRESHMAN ENGLISH STUDENTS AT WINGATE COLLEGE.
ED 020 714

REMEDIAL PROGRAMS
A PRE-TECHNICAL PROGRAM FOR GEORGIA'S AREA VOCATIONAL-TECHNICAL SCHOOLS, A REPORT ON A PILOT PROGRAM.
ED 021 134

RESEARCH
EXTENSION SERVICES, TELEVISION INSTRUCTION, AND RESEARCH IN VIRGINIA'S INSTITUTIONS OF HIGHER EDUCATION. STAFF REPORT NO. 7.
SR-7 ED 020 461

THE COMPUTER AS AN AID TO INSTRUCTION AND GUIDANCE IN THE SCHOOL.
ED 020 529

THE COUNSELOR AND RESEARCH.
ED 020 556

IMPROVING LANGUAGE ARTS INSTRUCTION THROUGH RESEARCH.

ED 020 871

SCIENCE POLICY BULLETIN NUMBER 5.
ED 020 914

HOME ECONOMICS RESEARCH ABSTRACTS--1966. HOME ECONOMICS EDUCATION.
ED 021 058

RESEARCH AND DEVELOPMENT CENTERS
THE NEED FOR AN ADULT BASIC EDUCATION CENTER. AN INTERIM REPORT TO THE ADVISORY COMMITTEE ON ADULT BASIC EDUCATION.
ED 020 470

RESEARCH METHODOLOGY
LEARNABILITY OF A TRANSFORMATIONALLY GENERATED SUBSET OF ENGLISH.
AFCRL-68-0070 ED 020 521

HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN, 1964-1965.
ED 020 970

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE WASHINGTON, D.C., PUBLIC SCHOOLS.
ED 020 971

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE LOS ANGELES AND PHOENIX PUBLIC SCHOOLS.
ED 020 972

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE DETROIT PUBLIC SCHOOLS.
ED 020 973

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE NEW YORK CITY SCHOOLS.
ED 020 974

RESEARCH NEEDS
AN OVERVIEW OF RESEARCH IN LEARNING, MOTIVATION, AND PERCEPTION.
ED 020 799

RESEARCH PROBLEMS
AN OBSERVATION ABOUT HAWTHORNE EFFECT IN AN EXPERIMENT IN THE TEACHING OF READING IN FIRST GRADE--A HYPOTHESIS.
ED 020 870

RESEARCH PROJECTS
BIBLIOGRAPHY OF PAPERS COVERING WORK UNDER OEO CONTRACT NUMBER 510. FINAL REPORT. (TITLE SUPPLIED).
OEO-510 ED 020 773

HEAD START EVALUATION AND RESEARCH CENTER, TEACHERS COLLEGE, COLUMBIA UNIVERSITY. ANNUAL REPORT (1ST), SEPTEMBER 1966-AUGUST 1967. (TITLE SUPPLIED).
ED 020 781

REGIONAL EVALUATION AND RESEARCH CENTER FOR PROJECT HEAD START, SUPPLEMENTARY RESEARCH REPORT, SEPTEMBER 1, 1967-DECEMBER 31, 1967.
IED-66-1-11 ED 020 791

RESPONSE TO VARYING LEVELS OF CONDITIONING REWARDS. FINAL REPORT.
BR-6-1625 ED 020 803

RESEARCH PROPOSALS
REGIONAL EVALUATION AND RESEARCH CENTER FOR HEAD START, SOUTHERN UNIVERSITY. ANNUAL REPORT.
ED 020 792

RESEARCH REVIEWS (PUBLICATIONS)
WORKER ADJUSTMENT--YOUTH IN TRANSITION FROM SCHOOL TO WORK. AN ANNOTATED BIBLIOGRAPHY OF RECENT LITERATURE. BIBLIOGRAPHY 2.
ED 021 070

RESIDENTIAL PATTERNS
ETHNIC PATTERNS IN AMERICAN CITIES.
ED 020 954

RESOURCE GUIDES
INDEX TO 35MM EDUCATIONAL FILMSTRIPS.
ED 020 678

RESOURCE MATERIALS
FFA AT WORK FOR SAFETY. A HANDBOOK FOR TEACHERS AND STUDENTS OF VOCATIONAL AGRICULTURE.
ED 020 835

RESOURCE UNITS
A TEACHER'S HANDBOOK OF RESOURCES FOR THE TEACHING OF HEALTH K-6.
ED 020 883

RESPONSE MODE
LINEAR STRUCTURAL MODELS FOR RESPONSE AND LATENCY PERFORMANCE IN ARITHMETIC. PSYCHOLOGY SERIES, TECHNICAL REPORT NO. 100.
ED 020 683

RETARDED CHILDREN
AN OVERVIEW OF RESEARCH IN LEARNING, MOTIVATION, AND PERCEPTION.
ED 020 799

RETARDED READERS
SOCIALLY DISADVANTAGED AMERICANS, SLOW LEARNERS.
ED 021 003

RETENTION
A COMPARISON OF LINEAR AND BRANCHING TECHNIQUES OF PROGRAMED INSTRUCTION IN PLANE GEOMETRY. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 1.
NDEA-7A-806 ED 020 677

REWARDS
REGIONAL EVALUATION AND RESEARCH CENTER FOR HEAD START, SOUTHERN UNIVERSITY. ANNUAL REPORT.
ED 020 792

RESPONSE TO VARYING LEVELS OF CONDITIONING REWARDS. FINAL REPORT.
BR-6-1625 ED 020 803

RHETORIC
GOALS, CONCEPTS, AND THE TEACHER OF SPEECH.
ED 020 925

ROLE PERCEPTION
THE INFLUENCE OF SELECTED FACTORS ON THE NORTH CAROLINA COUNTY EXTENSION WORKER'S DEFINITION OF THE ROLE OF COOPERATIVE EXTENSION.
ED 020 456

EFFECTS OF MANAGEMENT DEVELOPMENT ON MANAGER BEHAVIOR AND SUBORDINATE PERCEPTION.
ED 020 466

THE THEORY OF TRAINING AND THE TRAINER ROLE IN THE INDIANA PLAN INSTITUTE.
ED 020 476

RURAL AREAS
BORN FOR JOY, A UNIQUE SUMMER PROGRAM FOR DISADVANTAGED CHILDREN DURING JULY, 1966.
ED 020 821

SMALL TOWN IN MASS SOCIETY--CLASS, POWER, AND RELIGION IN A RURAL COMMUNITY.
ED 020 842

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH SIX, SAN YSIDRO, CALIFORNIA.
DE7-150-4-68-1M ED 020 845

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH TWELVE, WASCO, CALIFORNIA.
DE7-151-4-68-1M ED 020 846

OUR CHANGING RURAL SOCIETY--PERSPECTIVES AND TRENDS.
ED 020 854

SOMETIMES IT GOT WILD IN ARKANSAS.
ED 020 982

RURAL EDUCATION
EDUCATION FOR RURAL PEOPLES IN THE NEW AMERICA.
ED 020 832

A DYNAMIC CHARTER FOR RURAL EDUCATION.
ED 020 834

RURAL EXTENSION
THE INFLUENCE OF SELECTED FACTORS ON THE NORTH CAROLINA COUNTY EXTENSION WORKER'S DEFINITION OF THE ROLE OF COOPERATIVE EXTENSION.
ED 020 456

RURAL FAMILY
A RESTUDY OF THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-582 ED 020 824

THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-525 ED 020 836

THE RURAL FAMILY IN 1965.
ED 020 841

RURAL POPULATION
RURAL IN-MIGRATION AND URBAN ASSIMILATION.
ED 020 811

RURAL SCHOOLS
INNOVATIVE PROGRAMS IN WESTERN NEW YORK SCHOOLS.
ED 021 020

RURAL URBAN DIFFERENCES
THE RURAL FAMILY IN 1965.
ED 020 841

SMALL TOWN IN MASS SOCIETY--CLASS, POWER, AND RELIGION IN A RURAL COMMUNITY.
ED 020 842

RURAL LIFE AND URBANIZED SOCIETY.
ED 020 852

CITIES AND SCHOOLS.
ED 021 007

RURAL YOUTH
OPERATION PEBBLE. SUMMARY REPORT.
ED 020 839

RUSSIAN
SOME QUANTITATIVE STUDIES OF RUSSIAN CONSONANT PHONEME DISCRIMINATION. PSYCHOLOGY SERIES.
NDEA-6-92 ED 020 496

SECONDARY ONOMATOPOEIA IN RUSSIAN (PRELIMINARY REPORT).
ED 020 501

SAFETY EDUCATION

FFA AT WORK FOR SAFETY, A HANDBOOK FOR TEACHERS AND STUDENTS OF VOCATIONAL AGRICULTURE.
ED 020 835

SCHEDULING
PLANNING THE CAMPUS BY COMPUTER.
ED 020 631

EVENING CLASS SCHEDULES OF LARGE COLLEGES AND UNIVERSITIES.
ED 020 744

SCHOLARSHIP FUNDS
BLUEPRINT FOR TALENT SEARCHING, AMERICA'S HIDDEN MANPOWER.
ED 020 955

A PILOT PROGRAM TO TEST THE FEASIBILITY OF INCREASING THE NUMBER OF VOCATIONAL AND TECHNICAL EDUCATION SCHOLARSHIPS IN TOOELE COUNTY, UTAH. FINAL REPORT.
ED 021 060

SCHOLARSHIP LOANS
VOCATIONAL SCHOLARSHIPS, FINANCIAL AIDS AVAILABLE TO STUDENTS PURSUING VOCATIONAL OR TECHNICAL TRAINING IN NON-BACCALAUREATE PROGRAMS AT UTAH POST-SECONDARY SCHOOLS.
BR-6-3046 ED 021 051

SCHOLARSHIPS
VOCATIONAL SCHOLARSHIPS, FINANCIAL AIDS AVAILABLE TO STUDENTS PURSUING VOCATIONAL OR TECHNICAL TRAINING IN NON-BACCALAUREATE PROGRAMS AT UTAH POST-SECONDARY SCHOOLS.
BR-6-3046 ED 021 051

A PILOT PROGRAM TO TEST THE FEASIBILITY OF INCREASING THE NUMBER OF VOCATIONAL AND TECHNICAL EDUCATION SCHOLARSHIPS IN TOOELE COUNTY, UTAH. FINAL REPORT.
ED 021 060

SCHOOL ARCHITECTURE
AIA SCHOOL PLANT STUDIES. A SELECTION 1952-1962.
ED 020 638

SCHOOL BOYCOTTS
VIOLENCE, INTIMIDATION AND PROTEST. DESEGREGATION.
ED 020 980

SCHOOL BUILDINGS
NEW LIFE FOR OLD SCHOOLS. REPORT OF A WORKSHOP FOR REPRESENTATIVES OF THE GREAT CITIES IN RELATION TO THE SPRING CONFERENCE OF THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, (NEW YORK, MAY 1, 1965).
ED 020 618

PROCEDURE FOR REQUESTING APPROVAL OF SCHOOL BUILDING PROJECTS.
BSC-413-REV ED 020 646

SCHOOL CALENDARS
EVENING CLASS SCHEDULES OF LARGE COLLEGES AND UNIVERSITIES.
ED 020 744

SCHOOL COMMUNITY COOPERATION
AN ANALYSIS OF ROLES OF THE COMMUNITY COLLEGE IN CONTINUING EDUCATION IN CONJUNCTION WITH OTHER ORGANIZATIONS WHICH PROVIDE EDUCATION FOR ADULTS.
ED 020 713

SCHOOL COMMUNITY PROGRAMS
TOWARD A THEORY OF HOME, SCHOOL, AND COMMUNITY INTERRELATIONS.
ED 020 526

SCHOOL COMMUNITY RELATIONSHIP
A STUDY OF INFORMAL GROUP ACTIVITY WITHIN A COMMUNITY'S EDUCATIONAL ARENA.
ED 020 474

KWAKIUTL VILLAGE AND SCHOOL.
ED 020 820

IMPACT OF SOCIAL CLASS.
ED 020 960

SCHOOL CONSTRUCTION
NEW LIFE FOR OLD SCHOOLS. REPORT OF A WORKSHOP FOR REPRESENTATIVES OF THE GREAT CITIES IN RELATION TO THE SPRING CONFERENCE OF THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, (NEW YORK, MAY 1, 1965).
ED 020 618

DESIGN AND CONSTRUCTION OF SCHOOL BUILDINGS. PROCEEDINGS, ASSOCIATION OF SCHOOL BUSINESS OFFICIALS OF THE UNITED STATES AND CANADA, ANNUAL MEETING AND EDUCATIONAL EXHIBIT, (50TH SAN FRANCISCO, CALIFORNIA, OCTOBER 71-22, 1964).
ED 020 624

AIA SCHOOL PLANT STUDIES. A SELECTION 1952-1962.
ED 020 638

SCHOOL DESIGN
AN EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT.
ED 020 632

SCHOOL DISTRICTS
THE FINANCIAL PHASE OF LONG RANGE PLANNING FOR PUBLIC SCHOOLS--PRESENTING A METHOD FOR PROJECTION.
DPSC-67-2938 ED 020 563

THE IMPLICATIONS OF CHANGE FOR SCHOOL ADMINISTRATION.
ED 020 833

SCHOOL ENVIRONMENT
THE CONSTRUCTION AND VALIDATION OF A SCALE TO MEASURE CHILDREN'S SCHOOL MORALE.
ED 020 528

ENVIRONMENTAL EVALUATIONS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 2.
SER-2 ED 020 630

AIA SCHOOL PLANT STUDIES. A SELECTION 1952-1962.
ED 020 638

SCHOOL IMPROVEMENT
NEW LIFE FOR OLD SCHOOLS. REPORT OF A WORKSHOP FOR REPRESENTATIVES OF THE GREAT CITIES IN RELATION TO THE SPRING CONFERENCE OF THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, (NEW YORK, MAY 1, 1965).
ED 020 618

SCHOOL INDUSTRY RELATIONSHIP
EDUCATION FOR RURAL PEOPLES IN THE NEW AMERICA.
ED 020 832

SCHOOL INTEGRATION
INSTITUTE FOR EFFECTIVE SERVICE AND LEADERSHIP IN DESEGREGATED SCHOOLS.
ED 020 557

DESEGREGATION, A NEW APPROACH, A NEW DEADLINE.
ED 020 966

A DIVISIVE ISSUE, FREEDOM OF CHOICE.
ED 020 968

THE CRUMBLING LEGAL BARRIERS TO SCHOOL DESEGREGATION.
ED 020 977

HOBSON V. HANSEN--WHAT IS LAW FOR.
ED 020 978

VIOLENCE, INTIMIDATION AND PROTEST. DESEGREGATION.
ED 020 980

THE EQUATION AT OAK RIDGE.
ED 020 986

EDUCATION'S MOST CRUCIAL ISSUE.
ED 020 992

INTEGRATION, MANDATE FOR EDUCATIONAL CHANGE.
ED 021 001

INTEGRATION AND THE SCHOOLS, A STATEMENT OF POLICY AND RECOMMENDATIONS. POSITION PAPER NO. 3.
ED 021 005

THE CIVIL RIGHTS FIASCO IN PUBLIC EDUCATION, DESEGREGATION SINCE 1964.
ED 021 009

DESEGREGATION AND INTEGRATION.
ED 021 012

A PERSPECTIVE FOR EDUCATORS ON THE RACIAL ISSUE IN EDUCATION.
ED 021 013

TITLE IV, THE "HELP" PROGRAM IS EXPANDED.
ED 021 019

SCHOOL LIBRARIES
THE BUCK HILL FALLS REPORT. THE CHANGING NATURE AND SCOPE OF THE SCHOOL AND LIBRARY MARKET. ARE NEW MARKETING TECHNIQUES NEEDED. A CONFERENCE SPONSORED BY THE SCHOOL AND LIBRARY PROMOTION AND MARKETING COMMITTEE (BUCK HILL FALLS, APRIL 27-29,1966).
ED 020 747

CENSORSHIP OF LIBRARY BOOKS AND TEXTBOOKS IN AMERICAN SCHOOLS.
ED 020 923

SCHOOL LOCATION
CRITERIA FOR SELECTION AND APPROVAL OF COMMUNITY JUNIOR COLLEGE SITES IN FLORIDA.
ED 020 636

AN OPERATIONS RESEARCH MODEL FOR LOCATING AREA VOCATIONAL SCHOOLS.
ED 021 052

SCHOOL ORGANIZATION
CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.
BR-5-0340 ED 020 574

SETTING THE STAGE FOR LENGTHENED SCHOOL YEAR PROGRAMS--A SPECIAL REPORT PREPARED FOR THE GOVERNOR AND THE LEGISLATURE OF THE STATE OF NEW YORK.
ED 020 578

EXTENDED SCHOOL YEAR DESIGNS--AN INTRODUCTION TO NEW PLANS OF SCHOOL ORGANIZATION WHICH CAN RESULT IN FINANCIAL ECONOMIES AND PROVIDE MORE EDUCATION FOR ALL PUPILS.
ED 020 587

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT

NO. 4, THE COLOMBIAN TEACHER AND THE UTILIZATION VOLUNTEERn-MAKING ETV WORK IN THE SCHOOLS OF A DEVELOPING COUNTRY.
ED 020 666

SCHOOL PERSONNEL

BIBLIOTHERAPY–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-16 ED 020 874

PROVIDING CLINICAL SERVICES IN READING–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-5 ED 020 877

INTER-RACIAL IN-SERVICE PROGRAM DESIGNED TO INCREASE THE EDUCATIONAL OPPORTUNITIES OF THE CHILDREN IN THE RICHMOND PUBLIC SCHOOLS. FINAL REPORT SEPTEMBER 19, 1966-OCTOBER 31, 1967.
ED 020 997

SCHOOL PERSONNEL DIRECTORS

THE SCHOOL PERSONNEL ADMINISTRATOR.
R-SERVICE-BULL-24 ED 020 562

SCHOOL PLANNING

TO CREATE A SCHOOL, A DESIGN FOR WORKING RELATIONSHIPS.
ED 020 619

COLOR PLANNING FOR HOSPITALS AND SCHOOLS.
ED 020 623

AIA SCHOOL PLANT STUDIES. A SELECTION 1952-1962.
ED 020 638

MUSIC BUILDINGS, ROOMS AND EQUIPMENT.
ED 020 639

PROCEDURE FOR REQUESTING APPROVAL OF SCHOOL BUILDING PROJECTS.
BSC-413-REV ED 020 646

HOW TO ADAPT A CAMPUS FOR THE HANDICAPPED STUDENTS ON WHEELS.
ED 020 648

PROJECTIONS OF PUBLIC SCHOOL FACILITIES NEEDS, 1968-69 THROUGH 1972-73.
ED 020 649

SCHOOL POLICY

CENSORSHIP OF LIBRARY BOOKS AND TEXTBOOKS IN AMERICAN SCHOOLS.
ED 020 923

SCHOOL ROLE

RURAL IN-MIGRATION AND URBAN ASSIMILATION.
ED 020 811

PROMISES AND PUZZLES. THE PLIGHT OF THE INNER-CITY.
ED 020 961

WHAT CAN THE SCHOOL SAY ABOUT HUMAN RIGHTS.
ED 021 008

SCHOOL SCHEDULES

SETTING THE STAGE FOR LENGTHENED SCHOOL YEAR PROGRAMS--A SPECIAL REPORT PREPARED FOR THE GOVERNOR AND THE LEGISLATURE OF THE STATE OF NEW YORK.
ED 020 578

EXTENDED SCHOOL YEAR DESIGNS–AN INTRODUCTION TO NEW PLANS OF SCHOOL ORGANIZATION WHICH CAN RESULT IN FINANCIAL ECONOMIES AND PROVIDE MORE EDUCATION FOR ALL PUPILS.
ED 020 587

SCHOOL SEGREGATION

PREJUDICE AND YOUR CHILD. 2D ED.
ED 020 949

GHETTO SCHOOLS, AN AMERICAN TRAGEDY.
ED 020 962

SCHOOL SUPERINTENDENTS

OPEN SYSTEM THEORY AND CHANGE IN VOCATIONAL PROGRAMS OF IDAHO SECONDARY SCHOOLS.
BR-6-3014 ED 021 138

SCHOOL SURVEYS

TEAM TEACHING IN ELEMENTARY GRADES.
ED 020 800

HISTORY AND URBAN EDUCATION. A FIVE-CITY SURVEY PLAN, 1964-1965.
ED 020 970

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE WASHINGTON, D.C., PUBLIC SCHOOLS.
ED 020 971

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE LOS ANGELES AND PHOENIX PUBLIC SCHOOLS.
ED 020 972

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE DETROIT PUBLIC SCHOOLS.
ED 020 973

A SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE NEW YORK CITY SCHOOLS.
ED 020 974

METROPOLITAN SHARING, A SURVEY OF PRESENT PRACTICES AND ATTITUDES IN THE SCHOOLS OF THE NIAGARA FRONTIER. A REPORT FROM PROJECT INNOVATION.
ED 021 021

SCHOOL SYSTEMS

AN ANALYSIS OF THE RATIONALE AND PROCEDURES FOR LONG-RANGE PLANNING – FOUND IN SELECTED CORPORATE ENTERPRISES, GOVERNMENT AGENCIES OR DEPARTMENTS, AND SCHOOL SYSTEMS--WHICH ARE APPROPRIATE FOR EDUCATIONAL AND ADMINISTRATIVE PLANNING IN LOCAL SCHOOL SYSTEMS.
BR-6-8317 ED 020 571

HIGHLIGHTS OF SCHOOLS USING EDUCATIONAL MEDIA.
ED 020 661

SCHOOLS

PLANNED CHANGE–A SELECTED BIBLIOGRAPHY.
BR-5-0993 ED 020 569

SCIENCE ACTIVITIES

ILLUSTRATIVE LESSON MATERIALS. A SUPPLEMENT TO SCIENCE FRAMEWORK FOR CALIFORNIA PUBLIC SCHOOLS, PRELIMINARY.
ED 020 900

SCIENCE CONSULTANTS

A FIELD EXPERIENCE–A WHY, A HOW.
DPSC-67-4274 ED 020 830

SCIENCE EQUIPMENT

SCIENCE EQUIPMENT IN THE ELEMENTARY SCHOOL.
ED 020 884

SCIENCE INSTRUCTION

TEACHING SCIENCE TO THE DISADVANTAGED PUPIL.
ED 020 952

SCIENCE MATERIALS

SCIENCE EQUIPMENT IN THE ELEMENTARY SCHOOL.
ED 020 884

SCIENCE PROJECTS

THE MAJOR COASTAL COMMUNITIES OF NORTH CAROLINA.
ED 020 829

SCIENCE TEACHERS

THE DETERMINATION OF SUITABLE LABORATORY EXPERIENCES FOR A PHYSICAL SCIENCE COURSE FOR PROSPECTIVE ELEMENTARY SCHOOL TEACHERS.
ED 020 899

SCIENCES

SCIENCE POLICY BULLETIN NUMBER 5.
ED 020 914

SCIENTIFIC ENTERPRISE

THE EFFECTS OF NATIONAL SCIENTIFIC STYLE ON THE UNDERSTANDING OF SCIENTIFIC INNOVATION–SPECIAL RELATIVITY, A CASE HISTORY. FINAL REPORT.
BR-5-8280 ED 020 918

SEARCH STRATEGY

INFORMATION STORAGE AND RETRIEVAL, REPORTS ON EVALUATION, CLUSTERING, AND FEEDBACK.
ISR-12 ED 020 748

SECOND LANGUAGE LEARNING

LINGUISTIC METHODOLOGY AND THE TEACHING OF HINDI.
ED 020 492

SOME QUANTITATIVE STUDIES OF RUSSIAN CONSONANT PHONEME DISCRIMINATION. PSYCHOLOGY SERIES.
NDEA-6-92 ED 020 496

EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION. PROGRESS REPORT NO. I, FEBRUARY 1–SEPTEMBER 1, 1961.
ORAP-04111-1-P ED 020 498

1959 REVISITED.
ED 020 688

LANGUAGE AND LANGUAGE LEARNING, THEORY AND PRACTICE. SECOND EDITION.
ED 020 698

PROGRAMMED LEARNING OF A SECOND LANGUAGE.
ED 020 703

REPORT OF HOWARD LEE NOSTRAND, CHAIRMAN OF THE 1967-68 COMMITTEE ON A LEVEL-II STANDARD FOR UNDERSTANDING OF THE SOCIOCULTURAL CONTEXT (19TH ANNUAL MEETING OF THE PACIFIC NORTHWEST CONFERENCE ON FOREIGN LANGUAGES, CARROLL COLLEGE, APRIL 19-20, 1968).
ED 020 709

SECONDARY EDUCATION

POLAND–FURTHER DEVELOPMENT OF EDUCATION FOR WORKERS.
TT-67-33869 ED 020 465

PROGRAMED INSTRUCTION AND THE DEMONSTRATION METHOD OF TEACHING AT THE JUNIOR HIGH LEVEL. FINAL REPORT.
BR-5-1042 ED 020 680

BOOKS FOR TEACHERS OF ENGLISH, AN ANNOTATED BIBLIOGRAPHY. INDIANA UNIVERSITY ENGLISH CURRICULUM STUDY SERIES.
BR-5-0677-4 ED 020 933

TEACHING STRATEGIES FOR MIDDLE EASTERN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 935

TEACHING STRATEGIES FOR ASIAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.

ED 020 936

TEACHING STRATEGIES FOR AFRICAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 938

THE NEGLECTED MAJORITY.
ED 020 991

SECONDARY GRADES
HANDBOOK FOR ENGLISH LANGUAGE ARTS, GRADES 5-12, READING AND LITERATURE.
CB-10 ED 020 857

CLASSROOM ORGANIZATION FOR READING INSTRUCTION--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-5 ED 020 878

SECONDARY SCHOOL SCIENCE
THE DEVELOPMENT OF DIFFERENTIATED CURRICULA FOR ABILITY GROUPED BIOLOGY CLASSES, INCLUDING TEACHER TRAINING AND PROGRAM EVALUATION.
ED 020 882

ILLUSTRATIVE LESSON MATERIALS. A SUPPLEMENT TO SCIENCE FRAMEWORK FOR CALIFORNIA PUBLIC SCHOOLS, PRELIMINARY.
ED 020 900

TESTING FOR CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 906

THE USE OF AN ADVANCE ORGANIZER IN TEACHING SELECTED CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 909

SCIENCE EDUCATION INFORMATION ANALYSIS CENTER NEWSLETTER.
ED 020 916

SECONDARY SCHOOL STUDENTS
THE NEGLECTED MAJORITY.
ED 020 991

SECONDARY SCHOOL TEACHERS
SCHOOLS AS ORGANIZATIONS--SOME ILLUSTRATED STRATEGIES FOR EDUCATIONAL RESEARCH AND PRACTICE.
ED 020 565

PERCEPTIONS OF THE SUPERVISORY BEHAVIOR OF SECONDARY SCHOOL PRINCIPALS.
ED 020 579

THE TEACHER SUBCULTURE AND CURRICULUM CHANGE.
ED 020 588

THE TEACHER OF MODERN FOREIGN LANGUAGES.
ED 020 701

A SUPPLEMENT FOR GERMAN, NORWEGIAN, POLISH, RUSSIAN, AND SWEDISH TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 704

A SUPPLEMENT FOR SPANISH AND PORTUGUESE TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 705

A SUPPLEMENT FOR FRENCH AND ITALIAN TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 706

SECONDARY SCHOOLS
PERCEPTIONS OF THE SUPERVISORY BEHAVIOR OF SECONDARY SCHOOL PRINCIPALS.
ED 020 579

MLA SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 686

WHAT DO WE KNOW ABOUT FOREIGN LANGUAGE INSTRUCTION.
TEA-BULL-621 ED 020 700

SECRETARIES
PREPARATION OF UNIFORM TYPEWRITTEN REPORTS--A MANUAL OF STYLE FOR CUYAHOGA COMMUNITY COLLEGE.
ED 020 745

SELF CONCEPT
RAPID SOCIO-CULTURAL CHANGE AND STUDENT MENTAL HEALTH--A CROSS-CULTURAL COMPARISON.
ED 020 541

PREVENTION OF FAILURE.
ED 020 777

A DEMONSTRATION STUDY TO DETERMINE THE EFFECT ON ACADEMIC PERFORMANCE OF GIVING HIGH SCHOOL TEACHERS BACKGROUND INFORMATION ON HIGH-POTENTIAL LOW-ACHIEVING STUDENTS.
ED 020 975

MANAGERIAL PERCEPTION AND SUCCESS IN FARMING, FINAL CHAPTER AND APPENDICES OF A PH.D. DISSERTATION. RESEARCH SERIES IN AGRICULTURAL EDUCATION.
ED 021 057

SELF DIRECTED GROUPS
THE TEACHING OF INQUIRY SKILLS TO ELEMENTARY SCHOOL CHILDREN. FINAL REPORT.
BR-5-0594 ED 020 805

SELF ESTEEM
WHO ARE THE DISADVANTAGED.
ED 021 006

SEMANTICS
ENGLISH NOUN INFLECTION AND RELATED MATTERS FROM A GENERATIVE SEMANTIC POINT OF VIEW.
POLA-2-6 ED 020 506

ENGLISH QUESTIONS.
POLA-2-6 ED 020 507

SEMANTICS AND THE STUDY OF CULTURE.
ED 020 924

SENSORY EXPERIENCE
TEACHING IN THE OUTDOORS.
ED 020 828

SENSORY TRAINING
FIGURE-GROUND IN VISUAL PERCEPTION.
ED 020 863

SENTENCE STRUCTURE
THE INFLUENCE OF SYNTACTIC ERRORS ON SENTENCE RECOGNITION.
ED 020 494

SENTENCES
THE INFLUENCE OF SYNTACTIC ERRORS ON SENTENCE RECOGNITION.
ED 020 494

SERVICES
PENNSYLVANIA MIGRATORY LABOR PROGRAM, 1967. ANNUAL REPORT.
ED 020 823

SET THEORY
SETS, SUB-SETS AND OPERATIONS.
ED 020 885

SEWING INSTRUCTION
PROGRAMED INSTRUCTION AND THE DEMONSTRATION METHOD OF TEACHING AT THE JUNIOR HIGH LEVEL. FINAL REPORT.
BR-5-1042 ED 020 680

SEX (CHARACTERISTICS)
THE INDIVIDUAL, SOCIETY AND SEX. BACKGROUND READINGS FOR SEX EDUCATORS.
BR-7-0294 ED 020 448

SEX DIFFERENCES
A PERSONALITY VARIABLE OF PREADOLESCENT YOUTH IN RELATION TO THE ELEMENTARY SCHOOL PROGRAM. FINAL REPORT.
BR-7-C-012 ED 020 551

SEX EDUCATION
THE INDIVIDUAL, SOCIETY AND SEX. BACKGROUND READINGS FOR SEX EDUCATORS.
BR-7-0294 ED 020 448

SHARED SERVICES
EVALUATION OF SERVICE ACTIVITIES UNDERTAKEN BY THE EDUCATIONAL SERVICE CENTER FOR THE PERIOD SEPTEMBER 1, 1966 TO JULY 1, 1967.
ED 020 818

SIMULATION
A COMPUTER-BASED LABORATORY FOR AUTOMATION IN SCHOOL SYSTEMS.
SP-256-000-01 ED 020 684

SITE DEVELOPMENT
DEVELOPMENT PROSPECTUS. THE ART OF THE POSSIBLE.
ED 020 634

KAUAI COMMUNITY COLLEGE, SITE SELECTION REPORT.
ED 020 642

LONG RANGE DEVELOPMENT PLAN FOR HONOLULU COMMUNITY COLLEGE.
PROJ-1811-01 ED 020 643

SITE SELECTION
CRITERIA FOR SELECTION AND APPROVAL OF COMMUNITY JUNIOR COLLEGE SITES IN FLORIDA.
ED 020 636

KAUAI COMMUNITY COLLEGE, SITE SELECTION REPORT.
ED 020 642

SLOW LEARNERS
A MODEL VOCATIONAL EDUCATION PROGRAM FOR THE SLOW LEARNER.
ED 021 046

SLUM ENVIRONMENT
BARRIERS TO EMPLOYMENT OF THE DISADVANTAGED.
ED 021 143

SLUM SCHOOLS
EDUCATION'S MOST CRUCIAL ISSUE.
ED 020 992

INNER-CITY SCHOOLS ARE ONE BIG LAB.
ED 021 015

A SLUM-AREA SCHOOL FACES ITS PROBLEMS WITH A DIFFERENCE.
ED 021 016

SMALL SCHOOLS
INTERMEDIATE UNITS AND SMALL HIGH SCHOOLS.

ED 020 815

EDUCATIONAL TELEVISION IN THE SMALL SCHOOL.
ED 020 822

SOCIAL ATTITUDES
CONSENSUS AND CONFORMITY.
BR-5-0216 ED 020 552

SOCIAL CHANGE
RAPID SOCIO-CULTURAL CHANGE AND STUDENT MENTAL HEALTH--A CROSS-CULTURAL COMPARISON.
ED 020 541

OUR CHANGING RURAL SOCIETY--PERSPECTIVES AND TRENDS.
ED 020 854

CITIES ARE CHANGING.
ED 020 963

SOCIAL CHARACTERISTICS
SOCIAL CHARACTERISTICS OF HIGH SCHOOL STUDENTS PLANNING TO PURSUE POST HIGH SCHOOL VOCATIONAL TRAINING. FINAL REPORT NO. 17.
BR-7-0031 ED 021 148

SOCIAL DEVELOPMENT
AN EXPERIMENTAL PROGRAM IN VOCATIONAL EDUCATION. FINAL REPORT.
ED 021 048

SOCIAL DIFFERENCES
LOWER-CLASS NEGRO MOTHERS AND THEIR CHILDREN.
ED 020 999

SOCIALLY DISADVANTAGED AMERICANS, SLOW LEARNERS.
ED 021 003

SOCIAL DISADVANTAGEMENT
WHO ARE THE DISADVANTAGED.
ED 021 006

SOCIAL ENVIRONMENT
ENVIRONMENTAL ABSTRACTS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 1.
SER-1 ED 020 629

SOCIAL INFLUENCES
INFLUENCES OF CULTURAL PATTERNS ON THE THINKING OF CHILDREN IN CERTAIN ETHNIC GROUPS. A STUDY OF THE EFFECT OF JEWISH SUB-CULTURE ON THE FIELD-DEPENDENCE-INDEPENDENCE DIMENSION OF COGNITION.
ED 020 796

SOCIAL MOBILITY
LANGUAGE, COMMUNICATION AND CONTROL IN NORTH INDIA. WORKING PAPER NUMBER 7.
ED 020 495

SOCIAL OPPORTUNITIES
IMPACT OF SOCIAL CLASS.
ED 020 960

SOCIAL ORGANIZATIONS
PLANNED CHANGE--A SELECTED BIBLIOGRAPHY.
BR-5-0003 ED 020 569

SOCIAL PROBLEMS
BEAR SOMETHING AWAY.
ED 020 993

SOCIAL SCIENCES
NOTES ON CURRENT DEVELOPMENTS IN THE STUDY OF LANGUAGE IN CULTURE AND SOCIETY.
ED 020 502

SOCIAL STRUCTURE
SMALL TOWN IN MASS SOCIETY--CLASS, POWER, AND RELIGION IN A RURAL COMMUNITY.
ED 020 842

SOCIAL STUDIES
TEACHING STRATEGIES FOR MIDDLE EASTERN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 935

TEACHING STRATEGIES FOR ASIAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 936

TEACHING STRATEGIES FOR AFRICAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 938

SOCIAL SYSTEMS
SCHOOLS AS ORGANIZATIONS--SOME ILLUSTRATED STRATEGIES FOR EDUCATIONAL RESEARCH AND PRACTICE.
ED 020 565

THE TEACHER SUBCULTURE AND CURRICULUM CHANGE.
ED 020 588

SOCIALIZATION
INTRA-FAMILY RELATIONSHIPS AND ADOLESCENT SCHOOL ADJUSTMENT. FINAL REPORT.
BR-5-0096 ED 020 555

SOCIALLY DEVIANT BEHAVIOR
DELINQUENCY PRONE YOUTH--LONGITUDINAL AND PREVENTIVE RESEARCH, EAU CLAIRE COUNTY YOUTH STUDY, PHASE III, 1965-68.
2-R11-MH00072-07 ED 020 814

SOCIOCULTURAL PATTERNS
CULTURAL AND SOCIOLOGICAL FACTORS RELATING TO LEARNING DEVELOPMENT. FINAL REPORT.
BR-6-8636 ED 020 550

SOCIOECONOMIC INFLUENCES
CULTURAL AND SOCIOLOGICAL FACTORS RELATING TO LEARNING DEVELOPMENT. FINAL REPORT.
BR-6-8636 ED 020 550

A RESTUDY OF THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-582 ED 020 824

THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.
BULL-525 ED 020 836

BARRIERS TO EMPLOYMENT OF THE DISADVANTAGED.
ED 021 143

SOCIOLINGUISTICS
NOTES ON CURRENT DEVELOPMENTS IN THE STUDY OF LANGUAGE IN CULTURE AND SOCIETY.
ED 020 502

SOUTHERN SCHOOLS
DESEGREGATION, A NEW APPROACH, A NEW DEADLINE.
ED 020 966

A DIVISIVE ISSUE, FREEDOM OF CHOICE.
ED 020 968

THE EQUATION AT OAK RIDGE.
ED 020 986

SOUTHERN STATES
THE CRUMBLING LEGAL BARRIERS TO SCHOOL DESEGREGATION.
ED 020 977

VIOLENCE, INTIMIDATION AND PROTEST. DESEGREGATION.
ED 020 980

DESEGREGATION AND INTEGRATION.
ED 021 012

DESEGREGATING FACULTIES.
ED 021 018

TITLE IV, THE "HELP" PROGRAM IS EXPANDED.
ED 021 019

SPACE CLASSIFICATION
SPACE INVENTORY AND UTILIZATION MANUAL FOR THE COMPREHENSIVE FACILITIES PLANNING STUDY.
ED 020 626

SPACE UTILIZATION
LARGE LECTURE SECTION QUESTIONNAIRE. SUMMARY OF RESPONSES.
ED 020 640

PARKING FACILITY PROJECTIONS BASED ON THE 1968 STUDENT PARKING SURVEY.
ED 020 743

SPANISH
THE REFLEXIVE IN ENGLISH AND SPANISH--A TRANSFORMATIONAL APPROACH.
ED 020 514

A SUPPLEMENT FOR SPANISH AND PORTUGUESE TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 705

SPANISH SPEAKING
BASIC EDUCATION FOR SPANISH-SPEAKING DISADVANTAGED PUPILS.
ED 020 497

THE LINGUA PLAN.
GRN-0-301 ED 020 504

PREDICTING PRONUNCIATION AND LISTENING SKILLS OF NATIVE SPEAKERS OF SPANISH--AN EXPLORATORY STUDY.
ED 020 516

SPEAK UP, CHICANO.
ED 020 816

NUEVAS VISTAS (NEW VIEWS), A REPORT OF THE ANNUAL CONFERENCE OF THE CALIFORNIA STATE DEPARTMENT OF EDUCATION (1ST, LOS ANGELES, APRIL 13-14, 1967).
75205-1810-300-4-68-2M ED 020 844

SPATIAL RELATIONSHIP
AN EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT.
ED 020 632

FACILITIES AND EQUIPMENT FOR DISTRIBUTIVE EDUCATION PROGRAMS.
ED 020 647

SPECIALISTS
DOSSIER SUR "LA FORMATION PROFESSIONNELLE DES DIRECTEURS DE LABORATOIRE DE LANGUES" (PROPOSED COURSE OF STUDY FOR THE PROFESSIONAL PREPARATION OF LANGUAGE LABORATORY DIRECTORS).
ED 020 687

THE IMPLICATIONS OF CHANGE FOR SCHOOL ADMINISTRATION.
ED 020 833

SPEECH
EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION--

II. PROGRESS REPORT 2, SEPTEMBER 1, 1961 TO FEBRUARY 1, 1962.
ORAP-04411-2-P ED 020 499

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME ONE, LEARNER'S HANDBOOK.
ED 020 523

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME TWO, SCRIPTS OF ALL AUDIO PROGRAMS.
ED 020 524

GOALS, CONCEPTS, AND THE TEACHER OF SPEECH.
ED 020 925

THE FIELD OF SPEECH, ITS PURPOSES AND SCOPE IN EDUCATION.
ED 020 927

SPEECH EDUCATION
GOALS, CONCEPTS, AND THE TEACHER OF SPEECH.
ED 020 925

THE FIELD OF SPEECH, ITS PURPOSES AND SCOPE IN EDUCATION.
ED 020 927

SPEECH HANDICAPPED
INSTITUTE ON THE UTILIZATION OF SUPPORTIVE PERSONNEL IN SCHOOL SPEECH AND HEARING PROGRAMS (WASHINGTON, D.C., SEPTEMBER 6-8, 1967).
BR-6-1784 ED 020 609

SPEECH IMPROVEMENT
EFFECTIVENESS OF FILM IN CHANGING PARENTAL ATTITUDES. FINAL REPORT.
BR-6-1638 ED 020 659

SPEECH INSTRUCTION
THE FIELD OF SPEECH, ITS PURPOSES AND SCOPE IN EDUCATION.
ED 020 927

NEW SPEECH PATTERNS IN THE FRENCH QUARTER.
ED 020 981

SPEECH SKILLS
LANGUAGE CONTROL IN A GROUP OF HEAD START CHILDREN.
OEO-510 ED 020 789

SPEECH THERAPY
INSTITUTE ON THE UTILIZATION OF SUPPORTIVE PERSONNEL IN SCHOOL SPEECH AND HEARING PROGRAMS (WASHINGTON, D.C., SEPTEMBER 6-8, 1967).
BR-6-1784 ED 020 609

SPEECHES
IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).
ED 020 819

SPEED READING
SPEED READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-14 ED 020 879

STANDARD SPOKEN USAGE
NEW SPEECH PATTERNS IN THE FRENCH QUARTER.
ED 020 981

STANDARDIZED TESTS
NEW TESTS FOR A NEW ERA.
ED 020 691

STATE ACTION
CRITERIA FOR SELECTION AND APPROVAL OF COMMUNITY JUNIOR COLLEGE SITES IN FLORIDA.
ED 020 636

STATE AGENCIES
LIBRARY STATISTICS AND STATE AGENCIES, A COMPARATIVE STUDY OF THREE STATES. RESEARCH SERIES NO. 12.
ED 020 761

THE EVOLVING INTERMEDIATE UNIT.
ED 020 843

NEW YORK STATE INTERDEPARTMENTAL COMMITTEE ON FARM AND FOOD PROCESSING LABOR. 1967 REPORT.
ED 020 849

STATE CURRICULUM GUIDES
WHAT DO WE KNOW ABOUT FOREIGN LANGUAGE INSTRUCTION.
TEA-BULL-621 ED 020 700

STATE DEPARTMENTS OF EDUCATION
A DYNAMIC GENERAL PLANNING MODEL FOR THE HAWAII DEPARTMENT OF EDUCATION.
ED 020 560

THE HIERARCHY OF CURRICULUM AND INSTRUCTION SYSTEM DOCUMENTATION AND THE CYCLE OF CURRICULUM AND INSTRUCTION FUNCTIONS. (A PAIR OF RELATED PAPERS).
ED 020 561

A FEASIBILITY STUDY TO DETERMINE NEED AND FUNCTION OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT PUBLICATIONS. FINAL REPORT.
BR-6-8645 ED 020 765

INTEGRATION AND THE SCHOOLS, A STATEMENT OF POLICY AND RECOMMENDATIONS. POSITION PAPER NO. 3.
ED 021 005

STATE FEDERAL AID
AN EVALUATION STUDY OF THE COLLEGE FACILITIES PROGRAM. FINAL REPORT.
ED 020 627

STATE LAWS
LAW, VOL. 1, NO. 1, JANUARY, 1966.
ED 021 002

STATE LIBRARIES
SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD.
ED 020 756

LIBRARY STATISTICS AND STATE AGENCIES, A COMPARATIVE STUDY OF THREE STATES. RESEARCH SERIES NO. 12.
ED 020 761

STATE PROGRAMS
A DYNAMIC GENERAL PLANNING MODEL FOR THE HAWAII DEPARTMENT OF EDUCATION.
ED 020 560

THE HIERARCHY OF CURRICULUM AND INSTRUCTION SYSTEM DOCUMENTATION AND THE CYCLE OF CURRICULUM AND INSTRUCTION FUNCTIONS. (A PAIR OF RELATED PAPERS).
ED 020 561

OPERATION PEP--A STATE-WIDE PROJECT TO PREPARE EDUCATIONAL PLANNERS FOR CALIFORNIA.
DPSC-67-4110 ED 020 584

REPORT OF THE GOVERNOR'S COMMISSION TO STUDY THE EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN.
ED 020 611

CALIFORNIA PLAN FOR THE EDUCATION OF MIGRANT CHILDREN. ANNUAL EVALUATION REPORT, FISCAL YEAR ENDING JUNE 30, 1967.
ED 020 831

GUIDELINES FOR THE EDUCATION OF MIGRANT CHILDREN AS AUTHORIZED UNDER PUBLIC LAW 89-750, TITLE I, ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965.
ED 020 851

FEDERAL-STATE PROGRAMS FOR DEVELOPING HUMAN RESOURCES.
ED 021 044

STATE SCHOOL DISTRICT RELATIONSHIP
THE EVOLVING INTERMEDIATE UNIT.
ED 020 843

STATE STANDARDS
CRITERIA FOR SELECTION AND APPROVAL OF COMMUNITY JUNIOR COLLEGE SITES IN FLORIDA.
ED 020 636

STATE SURVEYS
EXTENSION SERVICES, TELEVISION INSTRUCTION, AND RESEARCH IN VIRGINIA'S INSTITUTIONS OF HIGHER EDUCATION. STAFF REPORT NO. 7.
SR-7 ED 020 461

A STUDY OF SELECTED FACTORS INHIBITING THE DEVELOPMENT OF ADULT EDUCATION IN THE STATE OF MICHIGAN, 1957-58.
ED 020 477

CAPITAL IMPROVEMENTS PROGRAM FOR THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION, 1965-75. PHASE TWO.
ED 020 641

CHILD REARING IN CALIFORNIA, A STUDY OF MOTHERS WITH YOUNG CHILDREN.
ED 020 783

EMERGING PROGRAMS OF VOCATIONAL AND TECHNICAL EDUCATION IN SECONDARY SCHOOLS OF MISSOURI IN RELATION TO MANPOWER NEEDS. (D.ED. THESIS SUMMARY).
ED 021 050

OPINION OF EDUCATORS ON BLOCK-TIME VOCATIONAL BUSINESS AND OFFICE PRACTICE CLASSES. FINAL REPORT.
BR-6-3046 ED 021 136

STATISTICAL ANALYSIS
THE NUMERICAL CHARACTERISTICS OF SYMBOL DISTRIBUTION IN A TEXT.
ED 020 512

STATISTICAL DATA
SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD. APPENDIX.
ED 020 757

LIBRARY STATISTICS AND STATE AGENCIES, A COMPARATIVE STUDY OF THREE STATES. RESEARCH SERIES NO. 12.
ED 020 761

RECENT TRENDS IN EDUCATIONAL STATUS OF MEXICAN-AMERICANS IN TEXAS.
ED 020 813

YOUTH IN NEW YORK CITY--OUT-OF-SCHOOL AND OUT-OF-WORK, A STUDY OF EMPLOYMENT AND EDUCATION OF TEENAGERS AND YOUNG ADULTS. REPORT.
ED 020 956

STIMULUS BEHAVIOR
SECONDARY ONOMATOPOEIA IN RUSSIAN (PRELIMINARY REPORT).
ED 020 501

STIMULUS DEVICES

A STUDY OF THE RELATIVE EFFECTIVENESS OF VARIED VISUAL ILLUSTRATIONS. FINAL REPORT.
BR-6-8840 ED 020 658

STRUCTURAL ANALYSIS
THE IMPACT OF PL 89-10 TITLE I ACTIVITIES ON THE READING COMPETENCE OF ELEMENTARY AND SECONDARY SCHOOL LEARNERS. FINAL REPORT.
OE-6-99-162 ED 020 862

STRUCTURAL GRAMMAR
A STRUCTURAL COURSE FOR VOCATIONAL ENGLISH.
ED 020 817

STUDENT ADJUSTMENT
INTRA-FAMILY RELATIONSHIPS AND ADOLESCENT SCHOOL ADJUSTMENT. FINAL REPORT.
BR-5-8096 ED 020 555

NEW YORK CITY BOARD OF EDUCATION-FORD FOUNDATION CORRELATED CURRICULUM PROJECT, 1966-67. PILOT EVALUATION REPORT.
ED 020 583

STUDENT ATTITUDES
THE CONSTRUCTION AND VALIDATION OF A SCALE TO MEASURE CHILDREN'S SCHOOL MORALE.
ED 020 528

STUDENT IDENTIFICATION WITH COLUMBUS COLLEGE--A PILOT STUDY.
CC-RB-OIR-1-67 ED 020 735

GHETTO SCHOOLS, AN AMERICAN TRAGEDY.
ED 020 962

VOCATIONAL AGRICULTURE TEACHER MORALE STUDY--A COMPARISON OF SELECTED FACTORS IN SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "HIGH" WITH SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "LOW".
ED 021 043

STUDENT BEHAVIOR
DIMENSIONS OF PROBLEM BEHAVIOR IN THE ELEMENTARY SCHOOL.
ED 020 558

STUDENT CHARACTERISTICS
HEAD START EVALUATION AND RESEARCH CENTER, TULANE UNIVERSITY. FINAL REPORT. (TITLE SUPPLIED).
IED-66-1-13 ED 020 782

INTEREST AND INTELLECTUAL INDICES RELATED TO SUCCESSFUL AND NON-SUCCESSFUL MALE COLLEGE STUDENTS IN TECHNICAL AND ASSOCIATE DEGREE PROGRAMS. FINAL REPORT.
BR-5-0116 ED 021 127

STUDENT COLLEGE RELATIONSHIP
STUDENT IDENTIFICATION WITH COLUMBUS COLLEGE--A PILOT STUDY.
CC-RB-OIR-1-67 ED 020 735

STUDENT DEVELOPED MATERIALS
DEVELOPING ORIGINAL MATERIALS IN READING (A GUIDE FOR TEACHERS).
BR-5-0687 ED 020 445

STUDENT ENROLLMENT
CONCURRENT WORK-EDUCATION (PROGRAMS IN THE 50 STATES 1965-66). INITIAL DRAFT.
ED 021 049

STUDENT IMPROVEMENT
NEW YORK CITY BOARD OF EDUCATION-FORD FOUNDATION CORRELATED CURRICULUM PROJECT, 1966-67. PILOT EVALUATION REPORT.
ED 020 583

WORDS AND MORPHEMES IN READING.
ED 020 864

STUDENT INTERESTS
INTEREST AND INTELLECTUAL INDICES RELATED TO SUCCESSFUL AND NON-SUCCESSFUL MALE COLLEGE STUDENTS IN TECHNICAL AND ASSOCIATE DEGREE PROGRAMS. FINAL REPORT.
BR-5-0116 ED 021 127

STUDENT MOTIVATION
THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 3, IMPROVING THE EFFECTIVENESS OF THE UTILIZATION VOLUNTEER AND THE UTILIZATION OF ETV BY THE COLOMBIAN TEACHER.
ED 020 665

AN OBSERVATION ABOUT HAWTHORNE EFFECT IN AN EXPERIMENT IN THE TEACHING OF READING IN FIRST GRADE--A HYPOTHESIS.
ED 020 870

SAMPLE UPWARD BOUND PROGRAMS.
ED 020 957

IMPACT OF SOCIAL CLASS.
ED 020 960

SHOES DON'T MATTER WHEN A BRIGHT KID IS UPWARD BOUND.
ED 020 967

STUDENT NEEDS
PLANNING THE CAMPUS BY COMPUTER.
ED 020 631

STUDENT OPINION
A STUDY OF THE BUSINESS AND INDUSTRIAL MANAGEMENT PROGRAMS AT COLLEGE OF SAN MATEO.
CSM-RR-1968-3 ED 020 740

THE DISTRIBUTIVE EDUCATION CURRICULUM AS EVALUATED BY BUSINESSMEN AND DISTRIBUTIVE EDUCATION STUDENTS OF UTAH. FINAL REPORT.
BR-6-3046 ED 021 135

STUDENT PERSONNEL PROGRAMS
BASIC REQUIREMENTS FOR AN ADEQUATE PUPIL PERSONNEL PROGRAM.
ED 020 540

STUDENT PERSONNEL SERVICES
ISSUES IN IMPLEMENTING CAMPUS COMMUNITY MENTAL HEALTH PROGRAMS.
ED 020 530

BASIC REQUIREMENTS FOR AN ADEQUATE PUPIL PERSONNEL PROGRAM.
ED 020 540

A SURVEY OF EVENING COLLEGE COUNSELING SERVICES IN CALIFORNIA JUNIOR COLLEGES.
ED 020 736

A STUDY OF THE EXPENSE OF STUDENT PERSONNEL SERVICES IN SELECTED CALIFORNIA PUBLIC JUNIOR COLLEGES.
ED 020 737

STUDENT REACTION
SOME EFFECTS OF DUAL ENROLLMENT UPON STUDENTS ENROLLED IN THE CHICAGO LUTHERAN SHARED TIME PROGRAM. FINAL REPORT.
BR-6-8444 ED 020 567

STUDENT SCHOOL RELATIONSHIP
A PERSONALITY VARIABLE OF PREADOLESCENT YOUTH IN RELATION TO THE ELEMENTARY SCHOOL PROGRAM. FINAL REPORT.
BR-7-C-012 ED 020 551

STUDENT TEACHER RELATIONSHIP
RESEARCH PERTINENT TO THE TRAINING OF READING TEACHERS.
ED 020 872

STUDENT TEACHERS
EXPLORATION OF THE UTILIZATION OF PERSONNEL IN THE SUPERVISION OF STUDENT TEACHERS WHEN FEEDBACK VIA FILMS AND SYSTEMS FOR THE ANALYSIS OF TEACHING ARE INTRODUCED INTO THE STUDENT TEACHING PROGRAM. FINAL REPORT.
BR-5-1079 ED 020 575

STUDENT TEACHING
FROM THEORY TO PRACTICE--SOME CRITICAL OBSERVATIONS ON THE ORGANIZATION AND ASSESSMENT OF TEACHING PRACTICE FOR PROSPECTIVE ENGLISH LANGUAGE TEACHERS.
ED 020 493

RESEARCH PERTINENT TO THE TRAINING OF READING TEACHERS.
ED 020 872

STUDENT TESTING
THREE METHODS OF PROCESSING STUDENT RESPONSE DATA IN PROGRAMED INSTRUCTION. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 7.
NDEA-7A-806 ED 020 674

STUDY CENTERS
A PLACE TO START.
ED 021 017

STUDY GUIDES
ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS. UNIT 9 B, ASSIGNMENTS.
ED 021 024

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, ASSIGNMENTS.
ED 021 027

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, ASSIGNMENTS.
ED 021 029

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, ASSIGNMENTS.
ED 021 031

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, ASSIGNMENTS.
ED 021 033

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, ASSIGNMENTS.
ED 021 034

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, ASSIGNMENTS.
ED 021 036

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, ASSIGNMENTS.
ED 021 038

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT 1, GENERAL INTRODUCTION TO DIESEL ENGINES.

PTAM-1-1 ED 021 072

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT II, MAINTAINING THE AIR SYSTEM--DETROIT DIESEL ENGINES.
PTAM-1-2 ED 021 073

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT III, MAINTAINING THE FUEL SYSTEM--DETROIT DIESEL ENGINE.
PTAM-1-3 ED 021 074

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IV, MAINTAINING THE COOLING SYSTEM--DETROIT DIESEL ENGINES.
PTAM-1-4 ED 021 075

AUTOMOTIVE DIESEL MAINTENANCE, UNIT V, MAINTAINING THE LUBRICATION SYSTEM--DETROIT DIESEL ENGINE.
PTAM-1-5 ED 021 076

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VI, MAINTAINING MECHANICAL GOVERNORS--DETROIT DIESEL ENGINES.
PTAM-1-6 ED 021 077

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VII, ENGINE TUNE-UP--DETROIT DIESEL ENGINE.
PTAM-1-7 ED 021 078

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VIII, ENGINE COMPONENTS--PART I.
AM-1-8 ED 021 079

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IX, ENGINE COMPONENTS.
AM-1-9 ED 021 080

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT X, USE OF MEASURING TOOLS IN DIESEL MAINTENANCE.
AM-1-10 ED 021 081

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XI, PART I--MAINTAINING THE FUEL SYSTEM (PART I), CUMMINS DIESEL ENGINES, PART II--UNIT REPLACEMENT (ENGINE).
AM-1-11 ED 021 082

AUTOMOTIVE DIESEL MAINTENANCE L. UNIT XII, PART I--MAINTAINING THE FUEL SYSTEM (PART II), CUMMINS DIESEL ENGINE, PART II--UNIT INSTALLATION (ENGINE).
AM-1-12 ED 021 083

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIII, I--MAINTAINING THE FUEL SYSTEM (PART III), CUMMINS DIESEL ENGINES, II--RADIATOR SHUTTER SYSTEM.
AM-1-13 ED 021 084

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIV, I--MAINTAINING THE AIR SYSTEM, CUMMINS DIESEL ENGINE, II--UNIT REMOVAL--TRANSMISSION.
AM-1-14 ED 021 085

AUTOMOTIVE DIESEL MAINTENACE 1. UNIT XV, I--MAINTAINING THE COOLING SYSTEM, CUMMINS DIESEL ENGINE, I--UNIT INSTALLATION--TRANSMISSION.
AM-1-15 ED 021 086

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVI, I--USE AND CARE OF SMALL HAND TOOLS, II--PRINCIPLES OF THE POWER DIVIDER.
AM-1-16 ED 021 087

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVII, I--MAINTAINING THE LUBRICATION SYSTEM--CUMMINS DIESEL ENGINE, II--UNIT INSTALLATION AND REMOVAL--DRIVE LINES.
AM-1-17 ED 021 088

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVIII, I--UNDERSTAND ENGINE GEARS AND GEARING PRINCIPLES, II--MACK INTER-AXLE POWER DIVIDER.
AM-1-18 ED 021 089

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIX, I--ENGINE TUNE-UP--CUMMINS DIESEL ENGINE, II--FRONT END SUSPENSION AND AXLES.
AM-1-19 ED 021 090

AUTOMOTIVE DIESSL MAINTENANCE 1. UNIT XX, CUMMINS DIESEL ENGINE, MAINTENANCE SUMMARY.
AM-1-20 ED 021 091

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXI, I--MAINTAINING THE AIR SYSTEM--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING REAR END SUSPENSION.
AM-1-21 ED 021 092

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXII, I--MAINTAINING THE FUEL SYSTEM (PART I)--CUMMINS DIESEL ENGINE, II--UNDERSTANDING THE DIFFERENTIAL.
AM-1-22 ED 021 093

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIII, I--MAINTAINING THE FUEL SYSTEM, PART II--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING STEERING SYSTEMS.
AM-1-23 ED 021 094

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIV, I--MAINTAINING THE FUEL SYSTEM PART III--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING THE VOLTAGE REGULATOR/ALTERNATOR.
AM-1-24 ED 021 095

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXV, I--CATERPILLAR DIESEL ENGINE COOLING SYSTEM D-8 AND 824 MODELS, II--TIRES AND TIRE HARDWARE.
AM-1-25 ED 021 096

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVI, I--CATERPILLAR LUBRICATION SYSTEMS AND COMPONENTS, II--LEARNING ABOUT BRAKES (PART I).
AM-1-26 ED 021 097

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVII, I--CATERPILLAR STARTING (PONEY) ENGINE (PART I), II--LEARNING ABOUT BRAKES (PART II).
AM-1-27 ED 021 098

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVIII, I--CATERPILLAR STARTING (PONEY) ENGINE (PART II), II--UNDERSTANDING MORE ABOUT STARTING DEVICES.
AM-1-28 ED 021 099

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIX, REVIEWING THE CONSTRUCTION OF ENGINE COMPONENTS.
AM-1-29 ED 021 100

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXX, I--CATERPILLAR DIESEL ENGINE MAINTENANCE SUMMARY, II--REIEWING FACTS ABOUT ALTERNATORS.
AM-1-30 ED 021 101

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT I, UNDERSTANDING MECHANICAL CLUTCHES.
AM-2-1 ED 021 102

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT II, MECHANICAL TRANSMISSIONS.
AM-2-2 ED 021 103

AUTOMOTIVE DIESEL MAINTENANCE 2 UNIT IV, AUTOMATIC TRANSMISSIONS--HYDRAULICS (PART II).
AM-2-4 ED 021 104

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT III, AUTOMATIC TRANSMISSIONS--HYDRAULICS (PART I).
AM-2-3 ED 021 105

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT V, AUTOMATIC TRANSMISSIONS--TORQUE CONVERTER.
AM-2-5 ED 021 106

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VI, AUTOMATIC TRANSMISSIONS--PLANETARY GEARING.
AM-2-6 ED 021 107

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VII, AUTOMATIC TRANSMISSIONS--ALLISON, TORQUMATIC SERIES 5960 AND 6060 (PART I).
AM-2-7 ED 021 108

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VIII, AUTOMATIC TRANSMISSIONS--ALLISON TORQUMATIC SERIES 5960, 6060, AND 8860 (PART II).
AM-2-8 ED 021 109

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT IX, AUTOMATIC TRANSMISSIONS--HYDRAULIC SYSTEM (PART I).
AM-2-9 ED 021 110

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT X, AUTOMATIC TRANSMISSIONS--HYDRAULIC SYSTEMS (PART II).
AM-2-10 ED 021 111

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XI, INTRODUCTION TO ELECTRICAL MAINTENANCE FOR OFF-HIGHWAY VEHICLES.
AM-2-11 ED 021 112

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XII, LEARNING ABOUT BATTERY SERVICING AND TESTING (PART I).
AM-2-12 ED 021 113

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIII, BATTERY SERVICE AND TESTING PROCEDURES--PART II.
AM-2-13 ED 021 114

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIV, UNDERSTANDING DC GENERATOR PRINCIPLES.
AM-2-14 ED 021 115

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XV, UNDERSTANDING DC GENERATOR PRINCIPLES (PART II).
AM-2-15 ED 021 116

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVI, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART I).
AM-2-16 ED 021 117

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVII, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART II).
AM-2-17 ED 021 118

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVIII, ALTERNATOR AND REGULATOR SERVICING AND TESTING, AND AN INTRODUCTION TO TRANSISTOR REGULATORS.
AM-2-18 ED 021 119

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIX, LEARNING ABOUT CRANKING MOTORS.
AM-2-19 ED 021 120

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XX, TROUBLESHOOTING ELECTRICAL SYSTEMS.
AM-2-20 ED 021 121

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXI, MICHIGAN/CLARK TRANSMISSION--COMPLETE POWER TRAIN.
AM-2-21 ED 021 122

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXII, MICHIGAN/CLARK TRANSMISSION--CONVERTER/TRANSMISSION.
AM-2-22 ED 021 123

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIII, MICHIGAN/CLARK TRANSMISSION--HYDRAULIC SHIFT.
AM-2-23 ED 021 124

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIV, MICHIGAN/CLARK TRANSMISSION--OIL FLOW THROUGH THE CONTROL COVER ASSEMBLY.
AM-2-24 ED 021 125

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXV, MICHIGAN/CLARK TRANSMISSION--TROUBLESHOOTING.
AM-2-25 ED 021 126

SUBCULTURE
SCHOOLS AS ORGANIZATIONS--SOME ILLUSTRATED STRATEGIES FOR EDUCATIONAL RESEARCH AND PRACTICE.
ED 020 565

INFLUENCES OF CULTURAL PATTERNS ON THE THINKING OF CHILDREN IN CERTAIN ETHNIC GROUPS, A STUDY OF THE EFFECT OF JEWISH SUB-CULTURE ON THE FIELD-DEPENDENCE-INDEPENDENCE DIMENSION OF COGNITION.
ED 020 796

THE COMPETENT TEACHER OF THE DISADVANTAGED.
ED 020 840

SUB-CULTURAL PATTERNS WHICH AFFECT LANGUAGE AND READING DEVELOPMENT.
ED 020 920

SUBEMPLOYMENT
BARRIERS TO EMPLOYMENT OF THE DISADVANTAGED.
ED 021 143

SUBPROFESSIONALS
TEACHER ASSISTANT TRAINING PROGRAM, DESCRIPTION OF PROGRAM AND RESULTS AND CURRICULUM GUIDE. FINAL REPORT.
ED 020 462

SURVEY OF LIBRARY PERSONNEL IN SIERRA COLLEGE EMPLOYMENT AREA.
ED 020 716

CIVIL ENGINEERING TECHNOLOGY CONSULTANTS' WORKSHOP, REPORT OF PROCEEDINGS (ATLANTA, MAY 17-20, 1967).
ED 020 729

FOLLOW UP STUDY OF CAREER-ORIENTED CURRICULUMS 1968--PHASE I, JOB ENTRY OR TRANSFER.
ED 020 739

SUBURBAN SCHOOLS
READING INSTRUCTION IN THE 1970'S FOR MEGALOPOLIS OR CENTER CITY.
ED 020 868

SUCCESS FACTORS
INTEREST AND INTELLECTUAL INDICES RELATED TO SUCCESSFUL AND NON-SUCCESSFUL MALE COLLEGE STUDENTS IN TECHNICAL AND ASSOCIATE DEGREE PROGRAMS. FINAL REPORT.
BR-5-0116 ED 021 127

SUMMER INSTITUTES
IN-SERVICE EDUCATION OF OFFICE OCCUPATIONS TEACHER-COORDINATORS. FINAL REPORT.
BR-7-0542. ED 021 137

SUMMER PROGRAMS
BORN FOR JOY, A UNIQUE SUMMER PROGRAM FOR DISADVANTAGED CHILDREN DURING JULY, 1966.
ED 020 821

PROGRAM OF OUTDOOR EDUCATION FOR SOUTHERN IDAHO, CURRICULUM GUIDE.
ED 020 847

NEW YORK STATE MIGRANT EDUCATION PROGRAM.
ED 020 848

SUPERINTENDENT ROLE
THE SUPERINTENDENT AS A COMMUNITY EDUCATIONAL LEADER.
ED 020 827

THE IMPLICATIONS OF CHANGE FOR SCHOOL ADMINISTRATION.
ED 020 833

SUPERVISION
PERCEPTIONS OF THE SUPERVISORY BEHAVIOR OF SECONDARY SCHOOL PRINCIPALS.
ED 020 579

SUPERVISORY TRAINING
EFFECTS OF MANAGEMENT DEVELOPMENT ON MANAGER BEHAVIOR AND SUBORDINATE PERCEPTION.
ED 020 466

SUPPLEMENTARY EDUCATIONAL CENTERS
EVALUATION OF SERVICE ACTIVITIES UNDERTAKEN BY THE EDUCATIONAL SERVICE CENTER FOR THE PERIOD SEPTEMBER 1, 1966 TO JULY 1, 1967.
ED 020 818

SURVEYS
CHINESE LANGUAGE TEACHING IN THE UNITED STATES--THE STATE OF THE ART.
ED 020 525

LARGE LECTURE SECTION QUESTIONNAIRE. SUMMARY OF RESPONSES.
ED 020 640

A STUDY OF A MEASUREMENT RESOURCE IN CHILD RESEARCH, PROJECT HEAD START.
OEO-2452 ED 020 790

PARENTS' EVALUATION OF THE HEAD START PROGRAM IN THE MILWAUKEE PUBLIC SCHOOLS.
ED 020 806

SYNTAX
ENGLISH GRAMMAR II.
AFCRL-68-0070 ED 020 520

AN INSTRUMENT TO MEASURE SYNTACTIC MATURITY, PRELIMINARY VERSION.
BR-6-2253 ED 020 926

SYSTEMS ANALYSIS
MODELS FOR THE APPLICATION OF SYSTEMS ANALYSIS TO THE DELIVERY OF MENTAL HEALTH SERVICES.
ED 020 539

A "SYSTEMS" APPROACH TO THE "SCHOOL UNDERACHIEVER."
ED 020 545

A SYSTEM APPROACH FOR SOLVING EDUCATIONAL PROBLEMS.
DPSC-67-4410 ED 020 585

INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS. SUPPLEMENT, INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS WITHIN THE UNIVERSITY OF CALIFORNIA. OCCASIONAL PAPER NO. 2.
ED 020 682

SYSTEMS APPROACH
MODELS FOR THE APPLICATION OF SYSTEMS ANALYSIS TO THE DELIVERY OF MENTAL HEALTH SERVICES.
ED 020 539

AN EXPERIMENTAL STUDY IN CURRICULUM ENGINEERING.
ED 020 581

A SYSTEM APPROACH FOR SOLVING EDUCATIONAL PROBLEMS.
DPSC-67-4410 ED 020 585

INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS. SUPPLEMENT, INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS WITHIN THE UNIVERSITY OF CALIFORNIA. OCCASIONAL PAPER NO. 2.
ED 020 682

A COMPUTER-BASED LABORATORY FOR AUTOMATION IN SCHOOL SYSTEMS.
SP-256-000-01 ED 020 684

CHOOSING AN OCCUPATION WISELY--A PROPOSAL TO TAKE THE GUESSWORK OUT OF FUTURE VOCATIONAL GUIDANCE.
ED 020 718

OPEN SYSTEM THEORY AND CHANGE IN VOCATIONAL PROGRAMS OF IDAHO SECONDARY SCHOOLS.
BR-6-3014 ED 021 138

SYSTEMS DEVELOPMENT
DEVELOPMENT OF A SYSTEM FOR AN EDUCATIONAL PRODUCTS INFORMATION EXCHANGE. FINAL REPORT.
BR-7-0274 ED 020 566

INSTRUCTIONAL SYSTEMS DEVELOPMENT--A DEMONSTRATION AND EVALUATION PROJECT. FINAL REPORT.
BR-5-1411 ED 020 673

TABLES (DATA)
SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD. APPENDIX.
ED 020 757

TALENT IDENTIFICATION
BLUEPRINT FOR TALENT SEARCHING, AMERICA'S HIDDEN MANPOWER.
ED 020 955

TASK ANALYSIS
A SURVEY AND ANALYSIS OF MAJOR TASKS, KNOWLEDGES ASSOCIATED WITH WORK IN CHILD CARE OCCUPATIONS. FINAL REPORT.
BR-7-0031 ED 021 066

CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED IN SEVEN TYPES OF AGRICULTURAL PRODUCTION--GRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, AND GENERAL FARMING. REPORT NO. 27.
ED 021 067

A TAXONOMY OF OFFICE ACTIVITIES FOR BUSINESS AND OFFICE EDUCATION. INTERIM REPORT. RESEARCH 12.
BR-7-1223 ED 021 140

TASK PERFORMANCE
DIMENSIONS OF ACHIEVEMENT-RELATED BEHAVIOR AMONG LOWER-CLASS NEGRO PARENTS.
ED 021 004

TAXONOMY
DEVELOPING A THEORY OF EDUCATIONAL PRACTICE FOR THE ELEMENTARY SCHOOL. PROJECT REPORT TO THE FORD FOUNDATION FUND FOR THE ADVANCEMENT OF EDUCATION.
ED 020 564

THE MAJOR COASTAL COMMUNITIES OF NORTH CAROLINA.
ED 020 829

A TAXONOMY OF OFFICE ACTIVITIES FOR BUSINESS AND OFFICE EDUCATION. INTERIM REPORT. RESEARCH 12.
BR-7-1223 ED 021 140

TEACHER ADMINISTRATOR RELATIONSHIP

PERCEPTIONS OF THE SUPERVISORY BEHAVIOR OF SECONDARY SCHOOL PRINCIPALS.
ED 020 579

TEACHER AIDES

TEACHER ASSISTANT TRAINING PROGRAM, DESCRIPTION OF PROGRAM AND RESULTS AND CURRICULUM GUIDE. FINAL REPORT.
ED 020 462

THE CLASSROOM AIDE.
ED 020 837

TEACHER ALIENATION

CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.
BR-5-0340 ED 020 574

TEACHER ATTITUDES

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 1, THE PROJECT AS A WHOLE--ORGANIZATION, ADAPTATION, AND EXPANSION.
ED 020 663

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 6, INSTRUCTIONAL TELEVISION FOR THE IN-SERVICE TRAINING OF THE COLOMBIAN TEACHER.
ED 020 667

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 8, THE TELEVISED CURRICULUM AND THE COLOMBIAN TEACHER.
ED 020 668

THE PEACE CORPS EDUCATIONAL TELEVISION PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 10, FEEDBACK TO THE PEACE CORPS ON PROJECT PROGRESS--SOME MODELS AND SUGGESTIONS.
ED 020 669

PROMISES AND PUZZLES, THE PLIGHT OF THE INNER-CITY.
ED 020 961

GHETTO SCHOOLS, AN AMERICAN TRAGEDY.
ED 020 962

THE CULTURALLY DISADVANTAGED MEXICAN-AMERICAN STUDENT. PART I.
ED 020 979

OPINION OF EDUCATORS ON BLOCK-TIME VOCATIONAL BUSINESS AND OFFICE PRACTICE CLASSES. FINAL REPORT.
BR-6-3046 ED 021 136

TEACHER EDUCATION

USE OF CLOSED CIRCUIT TELEVISION IN TEACHER EDUCATION. RELATIONSHIP TO ACHIEVEMENT AND SUBJECT MATTER UNDERSTANDING.
ED 020 473

FROM THEORY TO PRACTICE--SOME CRITICAL OBSERVATIONS ON THE ORGANIZATION AND ASSESSMENT OF TEACHING PRACTICE FOR PROSPECTIVE ENGLISH LANGUAGE TEACHERS.
ED 020 493

EXPLORATION OF THE UTILIZATION OF PERSONNEL IN THE SUPERVISION OF STUDENT TEACHERS WHEN FEEDBACK VIA FILMS AND SYSTEMS FOR THE ANALYSIS OF TEACHING ARE INTRODUCED INTO THE STUDENT TEACHING PROGRAM. FINAL REPORT.
BR-5-1079 ED 020 575

THE DEVELOPMENT AND IMPROVEMENT OF A PROGRAMED LEARNING SEQUENCE FOR USE IN CONSTRUCTING A TEACHING UNIT. FINAL REPORT.
BR-6-8356 ED 020 679

DOSSIER SUR "LA FORMATION PROFESSIONNELLE DES DIRECTEURS DE LABORATOIRE DE LANGUES" (PROPOSED COURSE OF STUDY FOR THE PROFESSIONAL PREPARATION OF LANGUAGE LABORATORY DIRECTORS).
ED 020 687

WHAT'S NEW IN TEACHER EDUCATION.
ED 020 689

THE IDEAL PREPARATION OF FOREIGN LANGUAGE TEACHERS.
ED 020 697

THE TEACHER OF MODERN FOREIGN LANGUAGES.
ED 020 701

UNDERGRADUATE MFL TEACHER-TRAINING PROGRAMS IN SCHOOLS AND COLLEGES OF EDUCATION--A SURVEY.
ED 020 702

RESEARCH PERTINENT TO THE TRAINING OF READING TEACHERS.
ED 020 872

THE DETERMINATION OF SUITABLE LABORATORY EXPERIENCES FOR A PHYSICAL SCIENCE COURSE FOR PROSPECTIVE ELEMENTARY SCHOOL TEACHERS.
ED 020 899

SOMETIMES IT GOT WILD IN ARKANSAS.
ED 020 982

WHAT'S GOING ON IN THE LAB SCHOOLS.
ED 021 014

INNER-CITY SCHOOLS ARE ONE BIG LAB.
ED 021 015

MEDICAL LABORATORY ASSISTANT TEACHER EDUCATION INSTITUTE--PILOT PROGRAM. FINAL REPORT.
BR-7-0635 ED 021 064

TEACHER EDUCATION CURRICULUM

DATA PROCESSING CURRICULUM FOR EDUCATORS. FINAL REPORT.
BR-8-0449 ED 020 451

UNDERGRADUATE MFL TEACHER-TRAINING PROGRAMS IN SCHOOLS AND COLLEGES OF EDUCATION--A SURVEY.
ED 020 702

TEACHER EMPLOYMENT

THE SCHOOL PERSONNEL ADMINISTRATOR.
R-SERVICE-BULL-24 ED 020 562

TEACHER EVALUATION

EVALUATING TEACHER FUNCTIONS.
WP-17 ED 020 573

ANOTHER LOOK AT TEACHER EVALUATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-8 ED 020 720

TEACHER GUIDANCE

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 8, THE TELEVISED CURRICULUM AND THE COLOMBIAN TEACHER.
ED 020 668

TEACHER IMPROVEMENT

THE TEACHER OF MODERN FOREIGN LANGUAGES.
ED 020 701

IN-SERVICE EDUCATION WITH RECOMMENDATIONS CONCERNING ITS IMPLEMENTATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-7 ED 020 721

INSERVICE TRAINING FOR VOCATIONAL TEACHERS IN UTAH. FINAL REPORT.
BR-6-3046 ED 021 128

TEACHER INFLUENCE

A DEMONSTRATION STUDY TO DETERMINE THE EFFECT ON ACADEMIC PERFORMANCE OF GIVING HIGH SCHOOL TEACHERS BACKGROUND INFORMATION ON HIGH-POTENTIAL LOW-ACHIEVING STUDENTS.
ED 020 975

TEACHER MORALE

VOCATIONAL AGRICULTURE TEACHER MORALE STUDY--A COMPARISON OF SELECTED FACTORS IN SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "HIGH" WITH SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "LOW".
ED 021 043

TEACHER MOTIVATION

AN OBSERVATION ABOUT HAWTHORNE EFFECT IN AN EXPERIMENT IN THE TEACHING OF READING IN FIRST GRADE--A HYPOTHESIS.
ED 020 870

TEACHER PROGRAMS

WHAT'S NEW IN TEACHER EDUCATION.
ED 020 689

UNDERGRADUATE MFL TEACHER-TRAINING PROGRAMS IN SCHOOLS AND COLLEGES OF EDUCATION--A SURVEY.
ED 020 702

TEACHER QUALIFICATIONS

WHAT'S NEW IN TEACHER EDUCATION.
ED 020 689

NEW TESTS FOR A NEW ERA.
ED 020 691

THE TEACHER OF MODERN FOREIGN LANGUAGES.
ED 020 701

TEACHER RESPONSE

A DEMONSTRATION STUDY TO DETERMINE THE EFFECT ON ACADEMIC PERFORMANCE OF GIVING HIGH SCHOOL TEACHERS BACKGROUND INFORMATION ON HIGH-POTENTIAL LOW-ACHIEVING STUDENTS.
ED 020 975

TEACHER ROLE

EVALUATING TEACHER FUNCTIONS.
WP-17 ED 020 573

CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.
BR-5-0340 ED 020 574

WHAT HAVE WE LEARNED ABOUT FLES.
ED 020 635

KWAKIUTL VILLAGE AND SCHOOL.
ED 020 820

TEACHER SUPERVISION

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 2, THE PROJECT'S FIRST SEMESTER--PUPIL ACHIEVEMENT, TEACHER ATTITUDES, AND THE WORK OF THE UTILIZATION VOLUNTEER.
ED 020 664

TEACHER WORKSHOPS

NEW YORK STATE MIGRANT EDUCATION PROGRAM.
ED 020 848

TEACHERS

CHINESE LANGUAGE TEACHING IN THE UNITED STATES–THE STATE OF THE ART.
ED 020 525

TEACHER-BOARD AGREEMENTS CONCERNING CONDITIONS OF WORK.
R-BULL-29 ED 020 568

BIBLIOTHERAPY–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-16 ED 020 874

TEACHERS COLLEGES

WHAT'S GOING ON IN THE LAB SCHOOLS.
ED 021 014

INNER-CITY SCHOOLS ARE ONE BIG LAB.
ED 021 015

A SLUM-AREA SCHOOL FACES ITS PROBLEMS WITH A DIFFERENCE.
ED 021 016

TEACHING

A DYNAMIC CHARTER FOR RURAL EDUCATION.
ED 020 834

TEACHING CONDITIONS

TEACHER-BOARD AGREEMENTS CONCERNING CONDITIONS OF WORK.
R-BULL-29 ED 020 568

THE PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA–TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 4, THE COLOMBIAN TEACHER AND THE UTILIZATION VOLUNTEER–MAKING ETV WORK IN THE SCHOOLS OF A DEVELOPING COUNTRY.
ED 020 666

TEACHING GUIDES

TRANSFORMATIONAL GRAMMAR–A GUIDE FOR TEACHERS.
ED 020 522

A TEACHER'S GUIDE TO CONTINUOUS PROGRESS IN READING INSTRUCTION, 1967.
TITLE-3-DPSC-67-3068 ED 020 856

A GUIDE FOR BEGINNING TEACHERS OF READING, GRADES 1-4.
CB-5 ED 020 858

A TEACHER'S HANDBOOK OF RESOURCES FOR THE TEACHING OF HEALTH K-6.
ED 020 883

SCIENCE EQUIPMENT IN THE ELEMENTARY SCHOOL.
ED 020 884

INDUSTRIAL RADIOGRAPHY INSTRUCTOR'S GUIDE.
OE-84034 ED 020 901

INDUSTRIAL RADIOGRAPHY STUDENT GUIDE AND LABORATORY EXERCISES.
OE-84035 ED 020 902

LESSONS PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6.
BR-5-0216 ED 020 907

FRESHMAN ENGLISH AT THE UNIVERSITY OF KENTUCKY, OHIO STATE UNIVERSITY, PURDUE UNIVERSITY, AND SOUTHERN ILLINOIS UNIVERSITY.
ED 020 945

FRESHMAN ENGLISH AT TWELVE UNIVERSITIES–BOB JONES, DUQUESNE, JOHN CARROLL, KANSAS STATE, MARQUETTE, NORTHERN ILLINOIS, WASHINGTON, AND WASHINGTON STATE UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF ALABAMA, DAYTON, MINNESOTA (DULUTH), AND MISSISSIPPI.
ED 020 947

FRESHMAN ENGLISH AT EIGHT UNIVERSITIES–SOUTH DAKOTA STATE, SOUTHERN ILLINOIS (EDWARDSVILLE), TUFTS, AND WAKE FOREST UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF NORTH CAROLINA, SANTA CLARA, SOUTH FLORIDA, AND SOUTHERN CALIFORNIA.
ED 020 948

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, INSTRUCTOR'S GUIDE.
ED 021 022

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9B, INSTRUCTOR'S GUIDE.
ED 021 025

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, INSTRUCTOR'S GUIDE.
ED 021 028

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, INSTRUCTOR'S GUIDE.
ED 021 030

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, INSTRUCTOR'S GUIDE.
ED 021 032

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, INSTRUCTOR'S GUIDE.
ED 021 035

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, INSTRUCTOR'S GUIDE.
ED 021 037

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, INSTRUCTOR'S GUIDE.
ED 021 039

TEACHING-LEARNING UNITS IN CLOTHING AND TEXTILES.
ED 021 053

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT I, GENERAL INTRODUCTION TO DIESEL ENGINES.
PTAM-1-1 ED 021 072

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT II, MAINTAINING THE AIR SYSTEM–DETROIT DIESEL ENGINES.
PTAM-1-2 ED 021 073

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT III, MAINTAINING THE FUEL SYSTEM–DETROIT DIESEL ENGINE.
PTAM-1-3 ED 021 074

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IV, MAINTAINING THE COOLING SYSTEM–DETROIT DIESEL ENGINES.
PTAM-1-4 ED 021 075

AUTOMOTIVE DIESEL MAINTENANCE, UNIT V, MAINTAINING THE LUBRICATION SYSTEM–DETROIT DIESEL ENGINE.
PTAM-1-5 ED 021 076

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VI, MAINTAINING MECHANICAL GOVERNORS–DETROIT DIESEL ENGINES.
PTAM-1-6 ED 021 077

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VII, ENGINE TUNE-UP–DETROIT DIESEL ENGINE.
PTAM-1-7 ED 021 078

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VIII. ENGINE COMPONENTS–PART I.
AM-1-8 ED 021 079

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IX, ENGINE COMPONENTS.
AM-1-9 ED 021 080

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT X, USE OF MEASURING TOOLS IN DIESEL MAINTENANCE.
AM-1-10 ED 021 081

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XI, PART I–MAINTAINING THE FUEL SYSTEM (PART I), CUMMINS DIESEL ENGINES, PART II--UNIT REPLACEMENT (ENGINE).
AM-1-11 ED 021 082

AUTOMOTIVE DIESEL MAINTENANCE L. UNIT XII, PART I–MAINTAINING THE FUEL SYSTEM (PART II), CUMMINS DIESEL ENGINE, PART II--UNIT INSTALLATION (ENGINE).
AM-1-12 ED 021 083

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIII, I–MAINTAINING THE FUEL SYSTEM (PART III), CUMMINS DIESEL ENGINES, II–RADIATOR SHUTTER SYSTEM.
AM-1-13 ED 021 084

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIV, I–MAINTAINING THE AIR SYSTEM, CUMMINS DIESEL ENGINE, II–UNIT REMOVAL–TRANSMISSION.
AM-1-14 ED 021 085

AUTOMOTIVE DIESEL MAINTENACE 1. UNIT XV, I–MAINTAINING THE COOLING SYSTEM, CUMMINS DIESEL ENGINE, I–UNIT INSTALLATION–TRANSMISSION.
AM-1-15 ED 021 086

AUTOMOTIVE DIESEL MAINTENANCE 1, UNIT XVI, I–USE AND CARE OF SMALL HAND TOOLS, II–PRINCIPLES OF THE POWER DIVIDER.
AM-1-16 ED 021 087

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVII, I–MAINTAINING THE LUBRICATION SYSTEM–CUMMINS DIESEL ENGINE, II–UNIT INSTALLATION AND REMOVAL–DRIVE LINES.
AM-1-17 ED 021 088

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVIII, I–UNDERSTAND ENGINE GEARS AND GEARING PRINCIPLES, II–MACK INTER-AXLE POWER DIVIDER.
AM-1-18 ED 021 089

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIX, I–ENGINE TUNE-UP–CUMMINS DIESEL ENGINE, II–FRONT END SUSPENSION AND AXLES.
AM-1-19 ED 021 090

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XX, CUMMINS DIESEL ENGINE, MAINTENANCE SUMMARY.
AM-1-20 ED 021 091

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXI, I–MAINTAINING THE AIR SYSTEM–CATERPILLAR DIESEL ENGINE, II–UNDERSTANDING REAR END SUSPENSION.
AM-1-21 ED 021 092

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXII, I–MAINTAINING THE FUEL SYSTEM (PART I)–CUMMINS DIESEL ENGINE, II–UNDERSTANDING THE DIFFERENTIAL.
AM-1-22 ED 021 093

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIII, I–MAINTAINING THE FUEL SYSTEM, PART II–CATERPILLAR DIESEL ENGINE, II–UNDERSTANDING STEERING SYSTEMS.
AM-1-23 ED 021 094

A STUDY OF A MEASUREMENT RESOURCE IN CHILD RESEARCH, PROJECT HEAD START.
OEO-2452 ED 020 790

TESTING FOR CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 906

TEXTBOOK EVALUATION

CHINESE LANGUAGE TEACHING IN THE UNITED STATES--THE STATE OF THE ART.
ED 020 525

TEXTBOOK PREPARATION

CONTROLLING CULTURAL VARIATIONS IN THE PREPARATION OF TESOL MATERIALS.
ED 020 517

TEXTBOOKS

CENSORSHIP OF LIBRARY BOOKS AND TEXTBOOKS IN AMERICAN SCHOOLS.
ED 020 923

TEXTILES INSTRUCTION

TEACHING-LEARNING UNITS IN CLOTHING AND TEXTILES.
ED 021 053

THERMAL ENVIRONMENT

RESEARCH IN CLASSROOM THERMAL ENVIRONMENT AT GARDENHILL SCHOOL IN LA MIRADA, CALIFORNIA.
ED 020 620

EDUCATION, CHILDREN AND COMFORT.
ED 020 644

THESAURI

DEVELOPMENT OF MULTI-COORDINATE VOCABULARY, PLASMA PHYSICS.
ED 020 903

DEVELOPMENT OF A MULTI-COORDINATE VOCABULARY, CHEMICAL PHYSICS.
ED 020 904

TIME BLOCKS

A LONG TERM STUDY OF THE RESULTS OF SPECIAL COUNSELING AND INSTRUCTIONAL TECHNIQUES USED WITH STUDENTS WITH SEEMINGLY LOW ACADEMIC POTENTIAL AS MEASURED BY MERRITT COLLEGE CLASSIFICATION TESTS.
ED 020 726

OPINION OF EDUCATORS ON BLOCK-TIME VOCATIONAL BUSINESS AND OFFICE PRACTICE CLASSES. FINAL REPORT.
BR-6-3046 ED 021 136

TIME FACTORS (LEARNING)

A FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART.
OEO-510 ED 020 786

TRADE AND INDUSTRIAL EDUCATION

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, INSTRUCTOR'S GUIDE.
ED 021 022

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. BASIC CONTROL FUNCTIONS, UNIT 9A.
ED 021 023

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS. UNIT 9 B, ASSIGNMENTS.
ED 021 024

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9B, INSTRUCTOR'S GUIDE.
ED 021 025

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. REMOTE CONTROL BY INDUSTRIAL TELEMETRY. UNIT 9C.
ED 021 026

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, ASSIGNMENTS.
ED 021 027

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, INSTRUCTOR'S GUIDE.
ED 021 028

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, ASSIGNMENTS.
ED 021 029

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, INSTRUCTOR'S GUIDE.
ED 021 030

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, ASSIGNMENTS.
ED 021 031

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, INSTRUCTOR'S GUIDE.
ED 021 032

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, ASSIGNMENTS.
ED 021 033

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, ASSIGNMENTS.
ED 021 034

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, INSTRUCTOR'S GUIDE.
ED 021 035

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, ASSIGNMENTS.
ED 021 036

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, INSTRUCTOR'S GUIDE.
ED 021 037

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, ASSIGNMENTS.
ED 021 038

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, INSTRUCTOR'S GUIDE.
ED 021 039

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, COMPUTERIZED CONTROL SERIES. LOGICAL FUNDAMENTALS OF DIGITAL COMPUTERS. UNIT 10A.
ED 021 065

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT I, GENERAL INTRODUCTION TO DIESEL ENGINES.
PTAM-1-1 ED 021 072

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT II, MAINTAINING THE AIR SYSTEM--DETROIT DIESEL ENGINES.
PTAM-1-2 ED 021 073

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT III, MAINTAINING THE FUEL SYSTEM--DETROIT DIESEL ENGINE.
PTAM-1-3 ED 021 074

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IV, MAINTAINING THE COOLING SYSTEM--DETROIT DIESEL ENGINES.
PTAM-1-4 ED 021 075

AUTOMOTIVE DIESEL MAINTENANCE, UNIT V, MAINTAINING THE LUBRICATION SYSTEM--DETROIT DIESEL ENGINE.
PTAM-1-5 ED 021 076

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VI, MAINTAINING MECHANICAL GOVERNORS--DETROIT DIESEL ENGINES.
PTAM-1-6 ED 021 077

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VII, ENGINE TUNE-UP--DETROIT DIESEL ENGINE.
PTAM-1-7 ED 021 078

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VIII. ENGINE COMPONENTS--PART I.
AM-1-8 ED 021 079

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IX, ENGINE COMPONENTS.
AM-1-9 ED 021 080

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT X, USE OF MEASURING TOOLS IN DIESEL MAINTENANCE.
AM-1-10 ED 021 081

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XI, PART I--MAINTAINING THE FUEL SYSTEM (PART I), CUMMINS DIESEL ENGINES, PART II--UNIT REPLACEMENT (ENGINE).
AM-1-11 ED 021 082

AUTOMOTIVE DIESEL MAINTENANCE L. UNIT XII, PART I--MAINTAINING THE FUEL SYSTEM (PART II), CUMMINS DIESEL ENGINE, PART II--UNIT INSTALLATION (ENGINE).
AM-1-12 ED 021 083

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIII, I--MAINTAINING THE FUEL SYSTEM (PART III), CUMMINS DIESEL ENGINES, II--RADIATOR SHUTTER SYSTEM.
AM-1-13 ED 021 084

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIV, I--MAINTAINING THE AIR SYSTEM, CUMMINS DIESEL ENGINE, II--UNIT REMOVAL--TRANSMISSION.
AM-1-14 ED 021 085

AUTOMOTIVE DIESEL MAINTENACE 1. UNIT XV, I--MAINTAINING THE COOLING SYSTEM, CUMMINS DIESEL ENGINE, I--UNIT INSTALLATION--TRANSMISSION.
AM-1-15 ED 021 086

AUTOMOTIVE DIESEL MAINTENANCE 1, UNIT XVI, I--USE AND CARE OF SMALL HAND TOOLS, II--PRINCIPLES OF THE POWER DIVIDER.
AM-1-16 ED 021 087

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVII, I--MAINTAINING THE LUBRICATION SYSTEM--CUMMINS DIESEL ENGINE, II--UNIT INSTALLATION AND REMOVAL--DRIVE LINES.
AM-1-17 ED 021 088

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVIII, I--UNDERSTAND ENGINE GEARS AND GEARING PRINCIPLES, II--MACK INTER-AXLE POWER DIVIDER.
AM-1-18 ED 021 089

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIX, I--ENGINE TUNE-UP--CUMMINS DIESEL ENGINE, II--FRONT END SUSPENSION AND AXLES.
AM-1-19 ED 021 090

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XX, CUMMINS DIESEL ENGINE, MAINTENANCE SUMMARY.
AM-1-20 ED 021 091

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXI, I–MAINTAINING THE AIR SYSTEM–CATERPILLAR DIESEL ENGINE, II–UNDERSTANDING REAR END SUSPENSION.
AM-1-21 ED 021 092

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXII, I–MAINTAINING THE FUEL SYSTEM (PART I)–CUMMINS DIESEL ENGINE, II–UNDERSTANDING THE DIFFERENTIAL.
AM-1-22 ED 021 093

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIII, I–MAINTAINING THE FUEL SYSTEM, PART II–CATERPILLAR DIESEL ENGINE, II–UNDERSTANDING STEERING SYSTEMS.
AM-1-23 ED 021 094

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIV, I–MAINTAINING THE FUEL SYSTEM PART III–CATERPILLAR DIESEL ENGINE, II–UNDERSTANDING THE VOLTAGE REGULATOR/ALTERNATOR.
AM-1-24 ED 021 095

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXV, I–CATERPILLAR DIESEL ENGINE COOLING SYSTEM D-8 AND 824 MODELS, II–TIRES AND TIRE HARDWARE.
AM-1-25 ED 021 096

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVI, I–CATERPILLAR LUBRICATION SYSTEMS AND COMPONENTS, II–LEARNING ABOUT BRAKES (PART I).
AM-1-26 ED 021 097

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVII, I–CATERPILLAR STARTING (PONEY) ENGINE (PART I), II–LEARNING ABOUT BRAKES (PART II).
AM-1-27 ED 021 098

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVIII, I–CATERPILLAR STARTING (PONEY) ENGINE (PART II), II–UNDERSTANDING MORE ABOUT STARTING DEVICES.
AM-1-28 ED 021 099

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIX, REVIEWING THE CONSTRUCTION OF ENGINE COMPONENTS.
AM-1-29 ED 021 100

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXX, I–CATERPILLAR DIESEL ENGINE MAINTENANCE SUMMARY, II–REIEWING FACTS ABOUT ALTERNATORS.
AM-1-30 ED 021 101

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT I, UNDERSTANDING MECHANICAL CLUTCHES.
AM-2-1 ED 021 102

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT II, MECHANICAL TRANSMISSIONS.
AM-2-2 ED 021 103

AUTOMOTIVE DIESEL MAINTENANCE 2 UNIT IV, AUTOMATIC TRANSMISSIONS–HYDRAULICS (PART II).
AM-2-4 ED 021 104

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT III, AUTOMATIC TRANSMISSIONS–HYDRAULICS (PART I).
AM-2-3 ED 021 105

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT V, AUTOMATIC TRANSMISSIONS–TORQUE CONVERTER.
AM-2-5 ED 021 106

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VI, AUTOMATIC TRANSMISSIONS–PLANETARY GEARING.
AM-2-6 ED 021 107

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VII, AUTOMATIC TRANSMISSIONS–ALLISON, TORQUMATIC SERIES 5960 AND 6060 (PART I).
AM-2-7 ED 021 108

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VIII, AUTOMATIC TRANSMISSIONS–ALLISON TORQUMATIC SERIES 5960, 6060, AND 8860 (PART II).
AM-2-8 ED 021 109

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT IX, AUTOMATIC TRANSMISSIONS–HYDRAULIC SYSTEM (PART I).
AM-2-9 ED 021 110

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT X, AUTOMATIC TRANSMISSIONS–HYDRAULIC SYSTEMS (PART II).
AM-2-10 ED 021 111

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XI, INTRODUCTION TO ELECTRICAL MAINTENANCE FOR OFF-HIGHWAY VEHICLES.
AM-2-11 ED 021 112

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XII, LEARNING ABOUT BATTERY SERVICING AND TESTING (PART I).
AM-2-12 ED 021 113

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIII, BATTERY SERVICE AND TESTING PROCEDURES–PART II.
AM-2-13 ED 021 114

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIV, UNDERSTANDING DC GENERATOR PRINCIPLES.
AM-2-14 ED 021 115

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XV, UNDERSTANDING DC GENERATOR PRINCIPLES (PART II).
AM-2-15 ED 021 116

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVI, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART I).
AM-2-16 ED 021 117

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVII, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART II).
AM-2-17 ED 021 118

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVIII, ALTERNATOR AND REGULATOR SERVICING AND TESTING, AND AN INTRODUCTION TO TRANSISTOR REGULATORS.
AM-2-18 ED 021 119

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIX, LEARNING ABOUT CRANKING MOTORS.
AM-2-19 ED 021 120

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XX, TROUBLESHOOTING ELECTRICAL SYSTEMS.
AM-2-20 ED 021 121

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXI, MICHIGAN/CLARK TRANSMISSION–COMPLETE POWER TRAIN.
AM-2-21 ED 021 122

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXII, MICHIGAN/CLARK TRANSMISSION–CONVERTER/TRANSMISSION.
AM-2-22 ED 021 123

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIII, MICHIGAN/CLARK TRANSMISSION–HYDRAULIC SHIFT.
AM-2-23 ED 021 124

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIV, MICHIGAN/CLARK TRANSMISSION–OIL FLOW THROUGH THE CONTROL COVER ASSEMBLY.
AM-2-24 ED 021 125

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXV, MICHIGAN/CLARK TRANSMISSION–TROUBLESHOOTING.
AM-2-25 ED 021 126

AUTOMOTIVE DIESEL MAINTENANCE. PROGRAM OUTLINE.
ED 021 149

TRAFFIC PATTERNS

LONG RANGE DEVELOPMENT PLAN FOR HONOLULU COMMUNITY COLLEGE.
PROJ-1811-01 ED 020 643

TRAINERS

THE THEORY OF TRAINING AND THE TRAINER ROLE IN THE INDIANA PLAN INSTITUTE.
ED 020 476

TRAINING TECHNIQUES

TEACHER ASSISTANT TRAINING PROGRAM, DESCRIPTION OF PROGRAM AND RESULTS AND CURRICULUM GUIDE. FINAL REPORT.
ED 020 462

TRANSFER OF TRAINING

PROGRAMED INSTRUCTION AND THE DEMONSTRATION METHOD OF TEACHING AT THE JUNIOR HIGH LEVEL. FINAL REPORT.
BR-5-1042 ED 020 680

TRANSFER STUDENTS

LEARNING EFFECTS OF INTEGRATION IN NEW ROCHELLE.
ED 021 000

TRANSFORMATION GENERATIVE GRAMMAR

ENGLISH GRAMMAR II.
AFCRL-68-0070 ED 020 520

TRANSFORMATIONAL GRAMMAR--A GUIDE FOR TEACHERS.
ED 020 522

TRANSFORMATION THEORY (LANGUAGE)

THE INSUFFICIENCY OF THE TRANSFORMATIONAL APPROACH TO CHILD LANGUAGE.
ED 020 509

THE REFLEXIVE IN ENGLISH AND SPANISH--A TRANSFORMATIONAL APPROACH.
ED 020 514

TRANSIENT CHILDREN

READING INSTRUCTION IN THE 1970'S FOR MEGALOPOLIS OR CENTER CITY.
ED 020 868

TUITION

REALITY AND THE AUEC.
ED 020 463

TYPISTS

PREPARATION OF UNIFORM TYPEWRITTEN REPORTS--A MANUAL OF STYLE FOR CUYAHOGA COMMUNITY COLLEGE.
ED 020 745

UNCOMMONLY TAUGHT LANGUAGES

SURVEY OF MATERIALS IN THE NEGLECTED LANGUAGES, PART I (PRELIMINARY EDITION).
BR-7-0929 ED 020 510

UNDERACHIEVERS

A "SYSTEMS" APPROACH TO THE "SCHOOL UNDERACHIEVER."
ED 020 545

A DEMONSTRATION STUDY TO DETERMINE THE EFFECT ON ACADEMIC PERFORMANCE OF GIVING HIGH SCHOOL TEACHERS BACKGROUND INFORMATION ON HIGH-POTENTIAL LOW-ACHIEVING STUDENTS.

ED 020 975

AN EXPERIMENTAL PROGRAM IN VOCATIONAL EDUCATION. FINAL REPORT.
ED 021 048

UNDERGRADUATE STUDY
UNDERGRADUATE MFL TEACHER-TRAINING PROGRAMS IN SCHOOLS AND COLLEGES OF EDUCATION--A SURVEY.
ED 020 702

THE USE OF SCIENTIFIC INFORMATION IN THE UNDERGRADUATE TEACHING OF PSYCHOLOGY. APA-PSIEP REPORT NO. 17.
ED 020 752

THE DETERMINATION OF SUITABLE LABORATORY EXPERIENCES FOR A PHYSICAL SCIENCE COURSE FOR PROSPECTIVE ELEMENTARY SCHOOL TEACHERS.
ED 020 899

SELECTED PAPERS FROM REGIONAL CONFERENCES 1966-67.
AC3-PUB-NO-35 ED 020 915

UNEMPLOYED
AN ANALYSIS OF THE CHARACTERISTICS OF THE UNEMPLOYED AND UNDEREDUCATED AS THEY RELATE TO PROGRAM PLANNING FOR CONTINUING EDUCATION IN MODESTO, REVISED ADULT EDUCATION PROGRAM PLAN.
ED 020 452

YOUTH IN NEW YORK CITY--OUT-OF-SCHOOL AND OUT-OF-WORK, A STUDY OF EMPLOYMENT AND EDUCATION OF TEENAGERS AND YOUNG ADULTS. REPORT.
ED 020 956

UNEMPLOYMENT
FACES OF POVERTY.
ED 020 958

BRIDGING THE GAP FROM SCHOOL TO WORK.
ED 021 144

REVIEW OF MANPOWER DEVELOPMENTS IN 1967.
ED 021 146

UNIT COSTS
A STUDY OF THE EXPENSE OF STUDENT PERSONNEL SERVICES IN SELECTED CALIFORNIA PUBLIC JUNIOR COLLEGES.
ED 020 737

UNIT PLAN
THE DEVELOPMENT AND IMPROVEMENT OF A PROGRAMED LEARNING SEQUENCE FOR USE IN CONSTRUCTING A TEACHING UNIT. FINAL REPORT.
BR-6-8356 ED 020 679

UNIVERSITIES
HOW THEY PLANNED THEIR FOOD SERVICE.
ED 020 637

LARGE LECTURE SECTION QUESTIONNAIRE. SUMMARY OF RESPONSES.
ED 020 640

UNIVERSITY EXTENSION
A SURVEY OF "SPECIAL" EDUCATIONAL PROGRAMS FOR ADULT WOMEN IN UNIVERSITY EXTENSION DIVISIONS AND EVENING COLLEGES.
ED 020 459

EXTENSION SERVICES, TELEVISION INSTRUCTION, AND RESEARCH IN VIRGINIA'S INSTITUTIONS OF HIGHER EDUCATION. STAFF REPORT NO. 7.
SR-7 ED 020 461

A STUDY OF THE GOALS AND CHARACTERISTICS OF EXTENSION CREDIT STUDENTS IN NORTHWESTERN MICHIGAN.
ED 020 478

UNIVERSITY LIBRARIES
CHARACTERISTICS OF PROFESSIONAL PERSONNEL IN COLLEGE AND UNIVERSITY LIBRARIES. FINAL REPORT.
BR-5-0919 ED 020 766

URBAN AREAS
BALTIMORE REACHES OUT--LIBRARY SERVICE TO THE DISADVANTAGED. DEICHES FUND STUDIES OF PUBLIC LIBRARY SERVICE, NUMBER 3.
ED 020 768

RURAL IN-MIGRATION AND URBAN ASSIMILATION.
ED 020 811

ETHNIC PATTERNS IN AMERICAN CITIES.
ED 020 954

FACES OF POVERTY.
ED 020 958

URBAN EDUCATION
TOWARD A THEORY OF HOME, SCHOOL, AND COMMUNITY INTERRELATIONS.
ED 020 526

HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN, 1964-1965.
ED 020 970

THE FRUSTRATIONS OF PROGRESS.
ED 020 976

CITIES AND SCHOOLS.
ED 021 007

URBAN SCHOOLS
A STATEMENT OF CONCERN FOR PUBLIC EDUCATION IN PHILADELPHIA, WITH PARTICULAR REFERENCE TO THE SPECIAL NEEDS OF CHILDREN IN UNDERPRIVILEGED, SEGREGATED AREAS.
ED 020 950

FOR EVERY CHILD, THE STORY OF INTEGRATION IN THE PHILADELPHIA PUBLIC SCHOOLS.
ED 020 951

DECENTRALIZATION AND URBAN SCHOOLS.
ED 020 959

INTEGRATION, MANDATE FOR EDUCATIONAL CHANGE.
ED 021 001

CITIES AND SCHOOLS.
ED 021 007

URBANIZATION
RURAL LIFE AND URBANIZED SOCIETY.
ED 020 852

USE STUDIES
INFORMATION STORAGE AND RETRIEVAL, REPORTS ON EVALUATION, CLUSTERING, AND FEEDBACK.
ISR-12 ED 020 748

VERBAL COMMUNICATION
CRITICAL READING DEVELOPS EARLY.
ED 020 866

VERBAL STIMULI
SOME QUANTITATIVE STUDIES OF RUSSIAN CONSONANT PHONEME DISCRIMINATION. PSYCHOLOGY SERIES.
NDEA-6-92 ED 020 496

VERBS
TEACHING THE PRESENT PERFECT TENSES.
ED 020 500

VIOLENCE
VIOLENCE, INTIMIDATION AND PROTEST. DESEGREGATION.
ED 020 980

VISITING HOMEMAKERS
"PROGRAM AIDES" FOR WORK WITH LOW-INCOME FAMILIES.
ED 020 994

VISUAL DISCRIMINATION
HEAD START RESEARCH AND EVALUATION OFFICE, UNIVERSITY OF CALIFORNIA AT LOS ANGELES. APPENDIX I TO THE ANNUAL REPORT, NOVEMBER 1967.
IED-1-66-12 ED 020 793

VARIABLES AFFECTING THE PERFORMANCE OF YOUNG CHILDREN ON A LETTER DISCRIMINATION TASK.
ED 020 797

VISUAL LEARNING
A STUDY OF THE RELATIVE EFFECTIVENESS OF VARIED VISUAL ILLUSTRATIONS. FINAL REPORT.
BR-6-8840 ED 020 658

VISUAL PERCEPTION
SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, 1966-67 YEAR PROGRAM.
ED 020 780

TEACHING BEGINNING READERS TO DISTINGUISH BETWEEN SIMILAR LETTERS OF THE ALPHABET. FINAL REPORT.
BR-6-1655 ED 020 860

FIGURE-GROUND IN VISUAL PERCEPTION.
ED 020 863

VISUAL STIMULI
FIGURE-GROUND IN VISUAL PERCEPTION.
ED 020 863

VISUALLY HANDICAPPED
RESEARCH BULLETIN. NUMBER 14.
ED 020 592

RESEARCH BULLETIN. NUMBER 4.
ED 020 612

RESEARCH BULLETIN. NUMBER 12.
ED 020 613

RESEARCH BULLETIN. NUMBER 2.
ED 020 614

RESEARCH BULLETIN. NUMBER 3.
ED 020 615

RESEARCH BULLETIN. NUMBER 11.
ED 020 616

LIBRARY SERVICES FOR THE HANDICAPPED IN OHIO.
ED 020 758

VOCAL MUSIC
SUGGESTED GUIDELINES FOR THE JUNIOR COLLEGE CHORAL PROGRAM AS PREPARED BY THE ACDA COMMITTEE ON JUNIOR COLLEGE CHORAL PROBLEMS.
ECC-68-3 ED 020 723

VOCATIONAL ADJUSTMENT
WORKER ADJUSTMENT--YOUTH IN TRANSITION FROM SCHOOL TO WORK, AN ANNOTATED BIBLIOGRAPHY OF RECENT LITERATURE. BIBLIOGRAPHY 2.
ED 021 070

BRIDGING THE GAP FROM SCHOOL TO WORK.
ED 021 144

VOCATIONAL AGRICULTURE
CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS EN-

GAGED IN SEVEN TYPES OF AGRICULTURAL PRODUCTION-nGRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, AND GENERAL FARMING. REPORT NO. 27.
ED 021 067

VOCATIONAL AGRICULTURE TEACHERS

VOCATIONAL AGRICULTURE TEACHER MORALE STUDY--A COMPARISON OF SELECTED FACTORS IN SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "HIGH" WITH SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "LOW".
ED 021 043

VOCATIONAL COUNSELING

COUNSELING THE TECHNICALLY-ORIENTED STUDENT.
ED 020 531

CHOOSING AN OCCUPATION WISELY--A PROPOSAL TO TAKE THE GUESSWORK OUT OF FUTURE VOCATIONAL GUIDANCE.
ED 020 718

VOCATIONAL DEVELOPMENT

DEVELOPMENTAL LEVEL AND VOCATIONAL INTERESTS (SVIB).
ED 020 543

AN EXPERIMENTAL PROGRAM IN VOCATIONAL EDUCATION. FINAL REPORT.
ED 021 048

VOCATIONAL DIRECTORS

ANALYSIS OF QUESTIONNAIRE COMPLETED BY UTAH VOCATIONAL DIRECTORS.
BR-6-3046 ED 021 041

VOCATIONAL EDUCATION

POLAND--FURTHER DEVELOPMENT OF EDUCATION FOR WORKERS.
TT-67-33869 ED 020 465

COUNSELING THE TECHNICALLY-ORIENTED STUDENT.
ED 020 531

NEW YORK CITY BOARD OF EDUCATION-FORD FOUNDATION CORRELATED CURRICULUM PROJECT, 1966-67. PILOT EVALUATION REPORT.
ED 020 583

THE USE OF CLOSED CIRCUIT TELEVISION IN TECHNICAL EDUCATION, REPORT OF THE EUROPEAN SEMINAR (SERAING, BELGIUM, APRIL 1965).
ED 020 656

THE ILLINOIS VALLEY COMMUNITY COLLEGE OCCUPATIONAL SURVEY, A COOPERATIVE ARRANGEMENT PROGRAM UNDER TITLE III OF THE HIGHER EDUCATION ACT OF 1965.
ED 020 715

FOLLOW UP STUDY OF CAREER-ORIENTED CURRICULUMS 1968--PHASE I, JOB ENTRY OR TRANSFER.
ED 020 739

HOME EDUCATION LIVELIHOOD PROGRAM IN NEW MEXICO FOR UNDEREMPLOYED SEASONAL AGRICULTURE WORKERS.
GNM-8523 ED 020 807

SCHOOLS--AND DIGNITY--FOR ALL.
ED 021 010

PRIDE OF PERFORMANCE SURVEY. FINAL REPORT.
BR-6-3046 ED 021 040

ANALYSIS OF QUESTIONNAIRE COMPLETED BY UTAH VOCATIONAL DIRECTORS.
BR-6-3046 ED 021 041

SURVEY OF COMMERCIAL ARTS CURRICULUM. FINAL REPORT.
BR-6-3046 ED 021 042

A MODEL VOCATIONAL EDUCATION PROGRAM FOR THE SLOW LEARNER.
ED 021 046

EMERGING PROGRAMS OF VOCATIONAL AND TECHNICAL EDUCATION IN SECONDARY SCHOOLS OF MISSOURI IN RELATION TO MANPOWER NEEDS. (D.ED. THESIS SUMMARY).
ED 021 050

VOCATIONAL SCHOLARSHIPS, FINANCIAL AIDS AVAILABLE TO STUDENTS PURSUING VOCATIONAL OR TECHNICAL TRAINING IN NON-BACCALAUREATE PROGRAMS AT UTAH POST-SECONDARY SCHOOLS.
BR-6-3046 ED 021 051

A PILOT PROGRAM TO TEST THE FEASIBILITY OF INCREASING THE NUMBER OF VOCATIONAL AND TECHNICAL EDUCATION SCHOLARSHIPS IN TOOELE COUNTY, UTAH. FINAL REPORT.
ED 021 060

UTAH MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA) SCHOOLS ASSESSMENT.
BR-6-3046 ED 021 061

INSERVICE TRAINING FOR VOCATIONAL TEACHERS IN UTAH. FINAL REPORT.
BR-6-3046 ED 021 128

OPEN SYSTEM THEORY AND CHANGE IN VOCATIONAL PROGRAMS OF IDAHO SECONDARY SCHOOLS.
BR-6-3014 ED 021 138

VOCATIONAL EDUCATION AND THE COMPREHENSIVE HIGH SCHOOL--A CHALLENGE TO ADMINISTRATORS.
BR-6-2733 ED 021 139

SOCIAL CHARACTERISTICS OF HIGH SCHOOL STUDENTS PLANNING TO PURSUE POST HIGH SCHOOL VOCATIONAL TRAINING. FINAL REPORT NO. 17.
BR-7-0031 ED 021 148

STATE-WIDE COMPUTERIZED MODEL FOR DETERMINING OCCUPATIONAL OPPORTUNITIES IN NEBRASKA.
ED 021 150

NOTES AND WORKING PAPERS CONCERNING THE ADMINISTRATION OF PROGRAMS AUTHORIZED UNDER VOCATIONAL EDCATION ACT OF 1963. PUBLIC LAW 88-210, AS AMENDED.
ED 021 151

VOCATIONAL EDUCATION TEACHERS

INSERVICE TRAINING FOR VOCATIONAL TEACHERS IN UTAH. FINAL REPORT.
BR-6-3046 ED 021 128

VOCATIONAL FOLLOWUP

FOLLOW UP STUDY OF CAREER-ORIENTED CURRICULUMS 1968--PHASE I, JOB ENTRY OR TRANSFER.
ED 020 739

VOCATIONAL INTERESTS

DEVELOPMENTAL LEVEL AND VOCATIONAL INTERESTS (SVIB).
ED 020 543

SOCIAL CHARACTERISTICS OF HIGH SCHOOL STUDENTS PLANNING TO PURSUE POST HIGH SCHOOL VOCATIONAL TRAINING. FINAL REPORT NO. 17.
BR-7-0031 ED 021 148

VOLUNTARY AGENCIES

AN OVERVIEW OF PROJECT ENABLE.
ED 020 471

VOLUNTEER AND STAFF PARTICIPATION IN A VOLUNTARY SOCIAL WELFARE ASSOCIATION IN THE UNITED STATES, A STUDY OF THE NATIONAL YOUNG WOMEN'S CHRISTIAN ASSOCIATION.
ED 020 480

VOLUNTEERS

VOLUNTEER AND STAFF PARTICIPATION IN A VOLUNTARY SOCIAL WELFARE ASSOCIATION IN THE UNITED STATES, A STUDY OF THE NATIONAL YOUNG WOMEN'S CHRISTIAN ASSOCIATION.
ED 020 480

VOWELS

SECONDARY ONOMATOPOEIA IN RUSSIAN (PRELIMINARY REPORT).
ED 020 501

WELFARE RECIPIENTS

TEACHER ASSISTANT TRAINING PROGRAM, DESCRIPTION OF PROGRAM AND RESULTS AND CURRICULUM GUIDE. FINAL REPORT.
ED 020 462

WINDOWLESS ROOMS

SCHOOL LIGHTING
ED 020 628

WOMENS EDUCATION

A SURVEY OF "SPECIAL" EDUCATIONAL PROGRAMS FOR ADULT WOMEN IN UNIVERSITY EXTENSION DIVISIONS AND EVENING COLLEGES.
ED 020 459

WORD RECOGNITION

THE IMPACT OF PL 89-10 TITLE I ACTIVITIES ON THE READING COMPETENCE OF ELEMENTARY AND SECONDARY SCHOOL LEARNERS. FINAL REPORT.
OE-6-99-162 ED 020 862

WORK STUDY PROGRAMS

CONCURRENT WORK-EDUCATION (PROGRAMS IN THE 50 STATES 1965-66). INITIAL DRAFT.
ED 021 049

WRITING

AN INSTRUMENT TO MEASURE SYNTACTIC MATURITY, PRELIMINARY VERSION.
BR-6-2253 ED 020 926

TEACHING THE "UNTEACHABLE," THE STORY OF AN EXPERIMENT IN CHILDREN'S WRITING.
ED 020 928

YOUNG FARMER EDUCATION

FFA AT WORK FOR SAFETY, A HANDBOOK FOR TEACHERS AND STUDENTS OF VOCATIONAL AGRICULTURE.
ED 020 835

YOUTH

ONE-THIRD OF A NATION, A REPORT ON YOUNG MEN FOUND UNQUALIFIED FOR MILITARY SERVICE.
ED 021 045

YOUTH EMPLOYMENT

BRIDGING THE GAP FROM SCHOOL TO WORK.
ED 021 144

YOUTH PROBLEMS

WORKER ADJUSTMENT--YOUTH IN TRANSITION FROM SCHOOL TO WORK, AN ANNOTATED BIBLIOGRAPHY OF RECENT LITERATURE. BIBLIOGRAPHY 2.
ED 021 070

BRIDGING THE GAP FROM SCHOOL TO WORK.
ED 021 144

YOUTH PROGRAMS

Utah Manpower Development and Training Act (MDTA) Schools Assessment.
BR-6-3046 ED 021 061

author index

This index lists documents under the name(s) of their author(s). The index is arranged in alphabetical order by the person's last name.

As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the document can be found under that number in the résumé section.

HANSEN, W. LEE

SEMINAR ON THE ECONOMICS OF EDUCATION--INVESTMENT DECISIONS AND CONTRIBUTIONS TO INCOME AND ECONOMIC GROWTH. FINAL REPORT.
BR-6-8224 ED 014 154

Accession Number

AUTHOR INDEX

AARNES, HALE
DYNAMIC CHARTER FOR RURAL EDUCATION,A
ED 020 834

ABEL, FREDERICK PAUL
USE OF CLOSED CIRCUIT TELEVISION IN TEACHER EDUCATION, RELATIONSHIP TO ACHIEVEMENT AND SUBJECT MATTER UNDERSTANDING.
ED 020 473

ADAMS, DEWEY ALLEN
ANALYSIS OF ROLES OF THE COMMUNITY COLLEGE IN CONTINUING EDUCATION IN CONJUNCTION WITH OTHER ORGANIZATIONS WHICH PROVIDE EDUCATION FOR ADULTS,AN
ED 020 713

ADAMS, HENRY B., ED
ADULT LEARNING SEMINAR, PROCEEDINGS (SYRACUSE UNIVERSITY, NEW YORK, JUNE 12-16, 19670.
ED 020 482

AIKEN, LEWIS R., JR.
REVIEW OF RESEARCH ON THE WELSH FIGURE PREFERENCE TEST,A
ED 020 546

ALLEN, DAVID
TECHNICAL EDUCATION IN THE JUNIOR COLLEGE, EDUCATION 261E SEMINAR-- A STUDY OF TECHNICAL EDUCATION IN THE NORTH ORANGE COUNTY JUNIOR COLLEGE DISTRICT.
ED 020 738

ALLEN, VERNON L.
CONSENSUS AND CONFORMITY.
BR-5-0216 ED 020 552

ALLENDER, JEROME S.
TEACHING OF INQUIRY SKILLS TO ELEMENTARY SCHOOL CHILDREN. FINAL REPORT,THE
BR-5-0594 ED 020 805

ALLERHAND, MELVIN E.
ADAPTATION AND ADAPTABILITY, THE BELLEFAIRE FOLLOWUP STUDY.
ED 020 595

ALLISON, RICHARD C.
FOREST TECHNOLOGY, A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.
ED 021 063

ALMANZOR, ANGELINA CARUNUNGAN
VOLUNTEER AND STAFF PARTICIPATION IN A VOLUNTARY SOCIAL WELFARE ASSOCIATION IN THE UNITED STATES, A STUDY OF THE NATIONAL YOUNG WOMEN'S CHRISTIAN ASSOCIATION.
ED 020 480

ALTMAN, JAMES W.
HANDBOOK OF INFORMATION SOURCES IN EDUCATION AND THE BEHAVIORAL SCIENCES.
BR-7-1038 ED 020 447

ANDERSON, RICHARD C.
ANALYSIS OF A CLASS OF PROBLEM SOLVING BEHAVIOR. FINAL REPORT,AN
BR-5-0314 ED 020 776

ANDERSON, RICHARD T.
PLANNING FOR THE FUTURE--FORECASTING IMPLICATIONS DUE TO TECHNOLOGICAL CHANGE.
ED 020 741

ANDERSON, ROBERTA
COMMUNITY JUNIOR COLLEGE, A BIBLIOGRAPHY.
ED 020 724

ANDERSSON, THEODORE
TEACHER OF MODERN FOREIGN LANGUAGES,THE
ED 020 701

APTE, MAHADEO L.
LINGUISTIC METHODOLOGY AND THE TEACHING OF HINDI.
ED 020 492

AURBACH, JOSEPH
TRANSFORMATIONAL GRAMMAR--A GUIDE FOR TEACHERS.
ED 020 522

BACK, HARRY
CENSORSHIP OF LIBRARY BOOKS AND TEXTBOOKS IN AMERICAN SCHOOLS.
ED 020 923

BAER, DONALD M.
ENTRY INTO NATURAL COMMUNITIES OF REINFORCEMENT,THE
ED 020 523

BAKER, EVA L.
EXPERIMENTS IN KINDERGARTEN READING.
BR-6-2865 ED 020 873

BARATZ, JOAN C.
BI-DIALECTAL TEST FOR DETERMINING LANGUAGE PROFICIENCY,A
ED 020 519

GRAMMATICAL CONSTRUCTIONS IN THE LANGUAGE OF THE NEGRO PRESCHOOL CHILD.
ED 020 518

BARD, BERNARD
PLACE TO START,A
ED 021 017

BARNES, ROBERT F.
ADULT BASIC EDUCATION.
ED 020 464

BARNES, WILLIAM D.
STUDY OF INFORMAL GROUP ACTIVITY WITHIN A COMMUNITY'S EDUCATIONAL ARENA,A
ED 020 474

BARSON, JOHN
INSTRUCTIONAL SYSTEMS DEVELOPMENT--A DEMONSTRATION AND EVALUATION PROJECT. FINAL REPORT.
BR-5-1411 ED 020 673

BEANE, DONALD G.
COMPARISON OF LINEAR AND BRANCHING TECHNIQUES OF PROGRAMED INSTRUCTION IN PLANE GEOMETRY. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 1,A
NDEA-7A-806 ED 020 677

BEATTIE, ALFRED W.
IMPLICATIONS OF CHANGE FOR SCHOOL ADMINISTRATION,THE
ED 020 833

BEHRINGER, MARJORIE PERRIN
DEVELOPMENT OF DIFFERENTIATED CURRICULA FOR ABILITY GROUPED BIOLOGY CLASSES, INCLUDING TEACHER TRAINING AND PROGRAM EVALUATION,THE
ED 020 882

BELL, ROBERT R.
LOWER-CLASS NEGRO MOTHERS AND THEIR CHILDREN.
ED 020 999

BELTON, JOHN
PARENTS' EVALUATION OF THE HEAD START PROGRAM IN THE MILWAUKEE PUBLIC SCHOOLS.
ED 020 806

BENDER, MARTIN L.
VOLUNTARY PREKINDERGARTEN LANGUAGE DEVELOPMENT AND READING PROGRAM FOR THE ENTIRE FOUR-YEAR-OLD POPULATION OF A CITY (AN INVESTIGATION OF MACHINE-TAUGHT READING). FINAL REPORT,A
BR-6-1383 ED 020 855

BENDER, RALPH E.
MANAGERIAL PERCEPTION AND SUCCESS IN FARMING, FINAL CHAPTER AND APPENDICES OF A PH.D. DISSERTATION. RESEARCH SERIES IN AGRICULTURAL EDUCATION.
ED 021 057

BENNER, RALPH
CALIFORNIA PLAN FOR THE EDUCATION OF MIGRANT CHILDREN. ANNUAL EVALUATION REPORT, FISCAL YEAR ENDING JUNE 30, 1967.
ED 020 831

BENNING, JAMES J.
DELINQUENCY PRONE YOUTH--LONGITUDINAL AND PREVENTIVE RESEARCH, EAU CLAIRE COUNTY YOUTH STUDY, PHASE III, 1965-68.
2-R11-MH00672-07 ED 020 814

BENOIT, ROBERT B.
COUNSELOR AND RESEARCH,THE
ED 020 556

BENSMAN, JOSEPH
SMALL TOWN IN MASS SOCIETY--CLASS, POWER, AND RELIGION IN A RURAL COMMUNITY.
ED 020 842

BENTLEY, RALPH R.
VOCATIONAL AGRICULTURE TEACHER MORALE STUDY--A COMPARISON OF SELECTED FACTORS IN SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "HIGH" WITH SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "LOW".
ED 021 043

BERGER, ALLEN
SPEED READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-14 ED 020 879

BERLIN, I.N., ED.
TRAINING IN THERAPEUTIC WORK WITH CHILDREN. CLINICAL APPROACHES TO PROBLEMS OF CHILDHOOD, VOLUME 2. LANGLEY PORTER CHILD PSYCHIATRY SERIES.
ED 020 598

BILLINGS, THOMAS A.
EDUCATION'S STAKE IN THE CIVIL RIGHTS MOVEMENT, A PERSONAL TESTIMONIAL AND PLAN TO COLLEAGUES.
ED 021 011

BIRKMAIER, EMMA M.
WHAT'S NEW IN TEACHER EDUCATION.
ED 020 689

BJORKQUIST, DAVID C., ED.

EDUCATION AND EMPLOYMENT OF TECHNICIANS. INTERIM REPORT.,THE
BR-5-0085 ED 021 131

BLASINGAME, RALPH
SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD.
ED 020 756

SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD. APPENDIX.
ED 020 757

BOEDDINGHAUS, WALTER
SYSTEMATISCHER AUSSPRACHEUNTERRICHT IM SPRACHLABORATORIUM (SYSTEMATIC PRONUNCIATION INSTRUCTION IN THE LANGUAGE LABORATORY).
ED 020 693

BOLVIN, JOHN O.
EVALUATING TEACHER FUNCTIONS.
WP-17 ED 020 573

BOMMARITO, JAMES
STUDY OF A MEASUREMENT RESOURCE IN CHILD RESEARCH, PROJECT HEAD START.,A
OEO-2452 ED 020 790

BOSS, RICHARD D.
COMMUNITY JUNIOR COLLEGE, A BIBLIOGRAPHY.
ED 020 724

BOWEN, J. DONALD
REFLEXIVE IN ENGLISH AND SPANISH--A TRANSFORMATIONAL APPROACH.,THE
ED 020 514

BOWER, ELI M.
HIGH SCHOOL STUDENTS WHO LATER BECAME SCHIZOPHRENIC.
CSDE-BULL-29-8 ED 020 596

BOWLES, ROY T.
SOCIAL CHARACTERISTICS OF HIGH SCHOOL STUDENTS PLANNING TO PURSUE POST HIGH SCHOOL VOCATIONAL TRAINING. FINAL REPORT NO. 17.
BR-7-0031 ED 021 148

BOWYER, RUTH HURST
ADULT EDUCATION IN HOMEMAKING IN UPSHUR COUNTY IN WEST VIRGINIA, EVALUATION OF INTERESTS AND NEEDS FOR ADULT HOMEMAKING EDUCATION IN UPSHUR COUNTY, 1960-1961.
ED 020 486

BRADDOCK, CLAYTON
NEW SPEECH PATTERNS IN THE FRENCH QUARTER.
ED 020 981

WHAT'S GOING ON IN THE LAB SCHOOLS.
ED 021 014

BRAINARD, ROBERT W.
SCIENCE POLICY BULLETIN NUMBER 5.
ED 020 914

BRETHOWER, DALE M.
REPORT ON CONTINGENCY MANAGEMENT OF VERBAL BEHAVIOR.,A
BR-6-1784 ED 020 610

BRIGANTE, THOMAS R.
ISSUES IN IMPLEMENTING CAMPUS COMMUNITY MENTAL HEALTH PROGRAMS.
ED 020 530

BROADHEAD, CLARE A.
GHETTO SCHOOLS, AN AMERICAN TRAGEDY.
ED 020 962

BRODERICK, CARLFRED B.
INDIVIDUAL, SOCIETY AND SEX. BACKGROUND READINGS FOR SEX EDUCATORS.,THE
BR-7-0294 ED 020 448

BRONSON, VERNON
COOPERATIVE INSTRUCTION BY TELEVISION IN THE SCHOOLS OF AMERICAN SAMOA, AN OUTLINE OF THE ORGANIZATION AND PROCEDURES.
ED 020 653

BROOKS, NELSON
IDEAL PREPARATION OF FOREIGN LANGUAGE TEACHERS.,THE
ED 020 697

LANGUAGE AND LANGUAGE LEARNING, THEORY AND PRACTICE. SECOND EDITION.
ED 020 698

BROUDY, HARRY S.
WHAT CAN THE SCHOOL SAY ABOUT HUMAN RIGHTS.
ED 021 008

BROWN, O. ROBERT, JR.
ACHIEVEMENT OF STUDENTS FROM GROUPS INSTRUCTED BY PROGRAMED MATERIALS, CLASSROOM TEACHER, OR BOTH. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 12.
NDEA-7A-806 ED 020 675

BROWN, SAUL L.
FAMILY LIFE CYCLE--PERSPECTIVES DRAWN FROM FAMILY THERAPY, PRESCHOOL THROUGH ADOLESCENCE.,THE
ED 020 536

BROWNE, RICHARD G.
EXTENSION SERVICES, TELEVISION INSTRUCTION, AND RESEARCH IN VIRGINIA'S INSTITUTIONS OF HIGHER EDUCATION. STAFF REPORT NO. 7.
SR-7 ED 020 461

BURCHELL, HELEN R.
EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION.
ED 020 576

BURCHINAL, LEE G.
ERIC--DEVELOPMENT THROUGH JUNE, 1968.
ED 020 450

EVALUATION OF ERIC, JUNE 1968.
ED 020 449

BURTON, DWIGHT L.
REPORT OF A PRELIMINARY SURVEY ON DOCTORAL PREPARATION IN ENGLISH EDUCATION.
ED 020 921

SUMMARY OF REPORTS ON THIRTEEN DOCTORAL PROGRAMS IN ENGLISH EDUCATION.
ED 020 922

BUTTERFIELD, PAUL G.
RESTUDY OF THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.,A
BULL-582 ED 020 824

CALVO, ROBERT C.
NUEVAS VISTAS (NEW VIEWS), A REPORT OF THE ANNUAL CONFERENCE OF THE CALIFORNIA STATE DEPARTMENT OF EDUCATION (1ST, LOS ANGELES, APRIL 13-14, 1967).
75205-1810-300-4-68-2M ED 020 844

CAMPBELL, BILLY RANDOLPH
COMPARISON OF THE EFFECTIVENESS OF THE GRADED AND NONGRADED CURRICULUM PLANS ON ADULT MALES AT FLORIDA STATE PRISON HAVING ACADEMIC ABILITIES CORRESPONDING TO ELEMENTARY GRADES 1-8.,A
ED 020 483

CANNON, DOLLY N.
RECRUITING LOW-INCOME FAMILIES FOR FAMILY LIFE EDUCATION PROGRAMS, FOUR REPORTS.
ED 020 996

CARPENTER, C.R.
FACULTY OFFICE STUDY. DESIGN AND EVALUATION.,A
ED 020 622

CARPENTER, ETHELOUISE
FREEDOM TO MOVE.
ED 020 778

CARTIER, FRANCIS A.
CRITERION-REFERENCED TESTING OF LANGUAGE SKILLS.
ED 020 515

CASEY, GENEVIEVE M.
LIBRARY SERVICES IN NEW JERSEY STATE INSTITUTIONS, A SURVEY WITH RECOMMENDATIONS.
ED 020 763

CASTETTER, WILLIAM B.
EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION.
ED 020 576

CAVE, WILLIAM M.
TOWARD A THEORY OF HOME, SCHOOL, AND COMMUNITY INTERRELATIONS.
ED 020 526

CAWELTI, GORDON
NEW DIRECTIONS IN INSTRUCTIONAL PRACTICES.
SR-54 ED 020 570

CHAFE, WALLACE L.
ENGLISH NOUN INFLECTION AND RELATED MATTERS FROM A GENERATIVE SEMANTIC POINT OF VIEW.
POLA-2-6 ED 020 506

ENGLISH QUESTIONS.
POLA-2-6 ED 020 507

CHESTEEN, HILLIARD E. JR.
EFFECTIVENESS OF THE HEAD START PROGRAM IN ENHANCING SCHOOL READINESS OF CULTURALLY DEPRIVED CHILDREN.
OEO-570 ED 020 771

CHOMSKY, NOAM
SOUND PATTERN OF ENGLISH.,THE
ED 020 511

CHRISTOPHER, BEVERLY B.
STUDY OF THE PROGRESS OF FRESHMAN ENGLISH STUDENTS AT WINGATE COLLEGE.
ED 020 714

CLARK, GARY M.
STUDY OF THE EFFECTS OF TWO EXPERIMENTAL CURRICULUM UNITS ON THE SOCIAL PERCEPTION AND OCCUPATIONAL READINESS OF EDUCABLE MENTALLY RETARDED ADOLESCENTS.,A
BR-6-8926 ED 020 599

CLARK, KENNETH B.
PREJUDICE AND YOUR CHILD. 2D ED.
ED 020 949

CLARK, LESLIE L., ED.
RESEARCH BULLETIN. NUMBER 14.
ED 020 592

RESEARCH BULLETIN. NUMBER 4.

ED 020 612

RESEARCH BULLETIN. NUMBER 12.
ED 020 613

RESEARCH BULLETIN. NUMBER 11.
ED 020 616

CLAWSON, BARBARA
PROGRAMED INSTRUCTION AND THE DEMONSTRATION METHOD OF TEACHING AT THE JUNIOR HIGH LEVEL. FINAL REPORT.
BR-5-1042 ED 020 680

CLEEK, JOHN E.
CAPITAL IMPROVEMENTS PROGRAM FOR THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION, 1965-75. PHASE TWO.
ED 020 641

CLEMENTS, H. MILLARD
CITIES AND SCHOOLS.
ED 021 007

CLINE, MARVIN
EVALUATION AND FOLLOW-UP STUDY OF SUMMER 1966 HEAD START CHILDREN IN WASHINGTON, D.C.,AN
OEO-1490 ED 020 794

COFFELT, JOHN J.
CAPITAL IMPROVEMENTS PROGRAM FOR THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION, 1965-75. PHASE TWO.
ED 020 641

COHEN, IRVING
CORRELATIONS BETWEEN HIGH SCHOOL AVERAGES AND SAT SCORES AND FINAL SCHOLASTIC INDEXES--BMCC GRADUATES, JUNE 1966 THROUGH AUGUST 1967.
ED 020 734

COHEN, S. ALAN
SOCIALLY DISADVANTAGED AMERICANS, SLOW LEARNERS.
ED 021 003

COHNSTAEDT, MARTIN L.
IMPACT OF OPERATION HEAD START ON GREENE COUNTY, OHIO, AN EVALUATION REPORT,THE
OEO-572 ED 020 772

COLE, RICHARD C.
SCIENCE INTERPRETIVE PROGRAM--SPERMACETI COVE INTERPRETIVE CENTER.
ED 020 898

COMSTOCK, GEORGE
PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 1, THE PROJECT AS A WHOLE--ORGANIZATION, ADAPTATION, AND EXPANSION,THE
ED 020 663

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 2, THE PROJECT'S FIRST SEMESTER--PUPIL ACHIEVEMENT, TEACHER ATTITUDES, AND THE WORK OF THE UTILIZATION VOLUNTEER,THE
ED 020 664

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 3, IMPROVING THE EFFECTIVENESS OF THE UTILIZATION VOLUNTEER AND THE UTILIZATION OF ETV BY THE COLOMBIAN TEACHER,THE
ED 020 665

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 4, THE COLOMBIAN TEACHER AND THE UTILIZATION VOLUNTEER--MAKING ETV WORK IN THE SCHOOLS OF A DEVELOPING COUNTRY,THE
ED 020 666

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 6, INSTRUCTIONAL TELEVISION FOR THE IN-SERVICE TRAINING OF THE COLOMBIAN TEACHER,THE
ED 020 667

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 8, THE TELEVISED CURRICULUM AND THE COLOMBIAN TEACHER,THE
ED 020 668

PEACE CORPS EDUCATIONAL TELEVISION PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 10, FEEDBACK TO THE PEACE CORPS ON PROJECT PROGRESS--SOME MODELS AND SUGGESTIONS,THE
ED 020 669

CONNERS, C. KEITH
FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART,A
OEO-510 ED 020 786

COOK, DESMOND L.
REFERENCES ON NETWORK PLANNING IN EDUCATION, RESEARCH MANAGEMENT, PROJECT SELECTION, AND PROGRAM MANAGEMENT. (TITLE SUPPLIED).
ED 020 580

COPP, JAMES H., ED.
OUR CHANGING RURAL SOCIETY--PERSPECTIVES AND TRENDS.
ED 020 854

CORBIN, JOHN B., ED.
PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
ED 020 760

COTTINGHAM, HAROLD F.
RATIONALE FOR ELEMENTARY SCHOOL GUIDANCE. FINAL REPORT.
BR-7-0743 ED 020 553

COTTON, WEBSTER ELIOT
RATIONALE FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY, A SURVEY, ANALYSIS AND CRITIQUE OF THE LITERATURE FROM 1919 TO 1961,THE
ED 020 475

COUCH, REX D.
MEDICAL LABORATORY ASSISTANT TEACHER EDUCATION INSTITUTE--PILOT PROGRAM. FINAL REPORT.
BR-7-0635 ED 021 064

CROCKETT, DINA B.
SECONDARY ONOMATOPOEIA IN RUSSIAN (PRELIMINARY REPORT).
ED 020 501

CUMMINS, EMERY J.
ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH SIX, SAN YSIDRO, CALIFORNIA.
DE7-150-4-68-1M ED 020 845

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH TWELVE, WASCO, CALIFORNIA.
DE7-151-4-68-1M ED 020 846

DAGHLIAN, PHILIP B., ED.
BOOKS FOR TEACHERS OF ENGLISH, AN ANNOTATED BIBLIOGRAPHY. INDIANA UNIVERSITY ENGLISH CURRICULUM STUDY SERIES.
BR-5-0677-4 ED 020 933

DALBY, J. PHILIP
EVENING CLASS SCHEDULES OF LARGE COLLEGES AND UNIVERSITIES.
ED 020 744

PARKING FACILITY PROJECTIONS BASED ON THE 1968 STUDENT PARKING SURVEY.
ED 020 743

PREPARATION OF UNIFORM TYPEWRITTEN REPORTS--A MANUAL OF STYLE FOR CUYAHOGA COMMUNITY COLLEGE.
ED 020 745

DALE, EDGAR
READABILITY AND READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-10 ED 020 875

DAMMER, PAUL E.
FLES--A GUIDE FOR PROGRAM REVIEW.
ED 020 708

DARLING, DAVID W.
IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).
ED 020 819

DAS GUPTA, J.
LANGUAGE, COMMUNICATION AND CONTROL IN NORTH INDIA. WORKING PAPER NUMBER 7.
ED 020 495

DAVIS, JEROME
REPORT OF THE GOVERNOR'S COMMISSION TO STUDY THE EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN.
ED 020 611

DAWSON, MILDRED A.
DEVELOPING HIGH SCHOOL READING PROGRAMS.
ED 020 867

DAY, MYRTLE V.
TEACHER'S HANDBOOK OF RESOURCES FOR THE TEACHING OF HEALTH K-6,A
ED 020 883

DECAMP, DAVID
CURRENT DISCREPANCY BETWEEN THEORETICAL AND APPLIED LINGUISTICS,THE
ED 020 513

DECROW, ROGER
ADULT EDUCATION INFORMATION SERVICES, ESTABLISHMENT OF A PROTOTYPE SYSTEM FOR A NATIONAL ADULT EDUCATION LIBRARY AND APPENDICES. THREE PARTS.
PROJ-D-152 ED 020 489

DEMOS, GEORGE D.
COUNSELOR AND RESEARCH,THE
ED 020 556

DERSHOWITZ, ZACHARY
INFLUENCES OF CULTURAL PATTERNS ON THE THINKING OF CHILDREN IN CERTAIN ETHNIC GROUPS, A STUDY OF THE EFFECT OF JEWISH SUB-CULTURE ON THE FIELD-DEPENDENCE-INDEPENDENCE DIMENSION OF COGNITION.
ED 020 796

DICKEY, MARGUERITE

EVALUATION AND FOLLOW-UP STUDY OF SUMMER 1966 HEAD START CHILDREN IN WASHINGTON, D.C.,AN
OEO-1490 ED 020 794

DIEBOLD, A. RICHARD, JR.
CONSEQUENCES OF EARLY BILINGUALISM IN COGNITIVE DEVELOPMENT AND PERSONALITY FORMATION,THE
ED 020 491

DIRKSEN, DENNIS A.
DEPTH STUDY TO ASCERTAIN WHETHER THERE IS A NEED IN THE STATE OF UTAH FOR A POST HIGH SCHOOL PROGRAM IN ORNAMENTAL HORTICULTURE.,AN IN-
BR-6-3046 ED 021 062

DOBROVOLNY, JERRY S.
CIVIL ENGINEERING TECHNOLOGY CONSULTANTS' WORKSHOP, REPORT OF PROCEEDINGS (ATLANTA, MAY 17-20, 1967).
ED 020 729

DOI, JAMES I.
MANUAL FOR STUDIES OF SPACE UTILIZATION IN COLLEGES AND UNIVERSITIES.
ED 026 617

DOWNEY, LOREN W.
PLANNED CHANGE–A SELECTED BIBLIOGRAPHY.
BR-5-0993 ED 020 569

DU BOIS, DENIS C.
PROGRAM OF OUTDOOR EDUCATION FOR SOUTHERN IDAHO, CURRICULUM GUIDE.
ED 020 847

DUNCAN, JAMES A.
ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN,THE
BULL-525 ED 020 836

DWYER, FRANCIS M., JR.
STUDY OF THE RELATIVE EFFECTIVENESS OF VARIED VISUAL ILLUSTRATIONS. FINAL REPORT.,A
BR-6-8840 ED 020 658

EDDY, FREDERICK D.
REVISITED.,1959
ED 020 688

EGAN, RONALD
DISTRIBUTIVE EDUCATION CURRICULUM AS EVALUATED BY BUSINESSMEN AND DISTRIBUTIVE EDUCATION STUDENTS OF UTAH. FINAL REPORT,THE
BR-6-3046 ED 021 135

EGERTON, JOHN
HIGH RISK.
ED 020 985

SOMETIMES IT GOT WILD IN ARKANSAS.
ED 020 982

EISENBERG, LEON
BIBLIOGRAPHY OF PAPERS COVERING WORK UNDER OEO CONTRACT NUMBER 510. FINAL REPORT. (TITLE SUPPLIED).
OEO-510 ED 020 773

EISNER, JOSEPH
SUGGESTED RECOMMENDATIONS FOR INTER-LIBRARY COOPERATION IN THE STATE OF NEW JERSEY.
ED 020 764

ERICKSON, JOHN
STRUCTURAL COURSE FOR VOCATIONAL ENGLISH.,A
ED 020 817

ESTES, DWAIN M.
IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).
ED 020 819

FAITH, DAVID W.
PROGRAM OF OUTDOOR EDUCATION FOR SOUTHERN IDAHO, CURRICULUM GUIDE.
ED 020 847

FANTINI, MARIO D.
INTEGRATION, MANDATE FOR EDUCATIONAL CHANGE.
ED 021 001

FARLEY, CATHERINE
LONG TERM STUDY OF THE RESULTS OF SPECIAL COUNSELING AND INSTRUCTIONAL TECHNIQUES USED WITH STUDENTS WITH SEEMINGLY LOW ACADEMIC POTENTIAL AS MEASURED BY MERRITT COLLEGE CLASSIFICATION TESTS.,A
ED 020 726

FELDHUSEN, JOHN F.
EAU CLAIRE COUNTY STUDY, PHASE II 1964-65.
NIMH-GNO-2-R11-672-04 ED 020 812

FERGUSON, JOHN L.
BASIC REQUIREMENTS FOR AN ADEQUATE PUPIL PERSONNEL PROGRAM.
ED 020 540

FERSH, SEYMOUR H.
SEMANTICS AND THE STUDY OF CULTURE.
ED 020 924

FIEL, NICHOLAS J.
STRUCTURED LEARNING AND TRAINING ENVIRONMENTS–A PREPARATION LABORATORY FOR ADVANCED MAMMALIAN PHYSIOLOGY.
MSU-EDP-PR-203 ED 020 671

FITZPATRICK, MILDRED
CLASSROOM AIDE.,THE
ED 020 837

FLINT, AUSTIN WHITCOMB
CONFORMITY, DEVIATION AND LEADERSHIP AS A FUNCTION OF FEEDBACK IN GROUPS.
ED 020 472

FOERSTER, LLOYD C.
SOME EFFECTS OF DUAL ENROLLMENT UPON STUDENTS ENROLLED IN THE CHICAGO LUTHERAN SHARED TIME PROGRAM. FINAL REPORT.
BR-6-8444 ED 020 567

FOLEY, JACK L.
ACTION WITH FRACTIONS, ADDITION AND SUBTRACTION.
ED 020 897

ACTION WITH WHOLE NUMBERS.
ED 020 896

ANGLES, MEASURES.
ED 020 895

CURVES, VERTICES, KNOTS AND SUCH.
ED 020 894

DIVISIBILITY TESTS.
ED 020 893

IDEAS FROM NUMBER THEORY.
ED 020 891

MANEUVERS ON A GEO-BOARD.
ED 020 887

MATH GO-ROUND, A UNIT OF MATHASBORG,THE
ED 020 888

METRIC GEOMETRY LINEAR MEASURE.
ED 020 890

METRIC GEOMETRY, CONCEPTS OF AREA MEASURE.
ED 020 892

PER CENT FRACTIONS.
ED 020 886

SETS, SUB-SETS AND OPERATIONS.
ED 020 885

VOLUME AND SURFACE AREA.
ED 020 889

FOWLER, JOHN M.
PRODUCTION AND USE OF SINGLE CONCEPT FILMS IN PHYSICS TEACHING.
ED 020 917

FRANCK, DOROTHEA SEELYE
NEED FOR AN ADULT BASIC EDUCATION CENTER. AN INTERIM REPORT TO THE ADVISORY COMMITTEE ON ADULT BASIC EDUCATION,THE
ED 020 470

FRANK, JOHN P.
OBSCENITY, THE LAW AND THE ENGLISH TEACHER–TWO PAPERS.
ED 020 929

FREEMAN, ROBERT R.
COMPUTER-AIDED INDEXING OF A SCIENTIFIC ABSTRACTS JOURNAL BY THE UDC WITH UNIDEK–A CASE STUDY.
AIP/UDC-4 ED 020 749

FRIED, VILEM
PRAGUE SEMINAR ON LANGUAGE TEACHING AIMS, 1967.
ED 020 699

FRIEDMAN, MYLES I.
REGIONAL EVALUATION AND RESEARCH CENTER FOR PROJECT HEAD START, SUPPLEMENTARY RESEARCH REPORT, SEPTEMBER 1, 1967-DECEMBER 31, 1967.
IED-66-1-11 ED 020 791

FRIEDMAN, ROBERT
STRUCTURED FAMILY INTERVIEW IN THE ASSESSMENT OF SCHOOL LEARNING DISORDERS.,A
ED 020 534

FRINCKE, GERALD L.
THREE METHODS OF PROCESSING STUDENT RESPONSE DATA IN PROGRAMED INSTRUCTION. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 7.
NDEA-7A-806 ED 020 674

FROST, RONALD A.
COMPARISON OF A.C.T. SCORES OF TECHNOLOGY STUDENTS OF GLENDALE COMMUNITY COLLEGE WITH THE COLLEGE POPULATION IN GENERAL.,A
GCC-DSR-G-O-66-3 ED 020 728

FRYE, ROLAND
ANALYSIS OF PATTERNS OF LIFE HISTORY ANTECENDENTS OF EXECUTIVES FROM DIFFERENT COUNTRIES.
ED 020 547

FRYE, ROYE MELTON
THEORY OF TRAINING AND THE TRAINER ROLE IN THE INDIANA PLAN INSTITUTE.,THE
ED 020 476

GADDIS, G. WARREN
UTAH MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA) SCHOOLS ASSESSMENT.

BR-6-3046 ED 021 061

GAINES, EDITH
TEACHER ASSISTANT TRAINING PROGRAM, DESCRIPTION OF PROGRAM AND RESULTS AND CURRICULUM GUIDE. FINAL REPORT.
ED 020 462

GALLAGHER, JAMES J.
EDUCATIONAL PROBLEMS AND PLANNING FOR GIFTED STUDENTS--SELECTED PAPERS FROM GRADUATE LEADERSHIP TRAINING PROGRAM ON THE GIFTED.
ED 020 590

GALLAGHER, SISTER M. EYMARD
STUDY OF PRIVATE TWO-YEAR COLLEGE FUND RAISING PROGRAMS.,A
ED 020 722

GALLOWAY, CHARLES
PROMISES AND PUZZLES, THE PLIGHT OF THE INNER-CITY.
ED 020 961

GARBIN, A.P.
WORKER ADJUSTMENT--YOUTH IN TRANSITION FROM SCHOOL TO WORK, AN ANNOTATED BIBLIOGRAPHY OF RECENT LITERATURE. BIBLIOGRAPHY 2.
ED 021 070

GATES, JESSE L.
HANDBOOK OF INFORMATION SOURCES IN EDUCATION AND THE BEHAVIORAL SCIENCES.
BR-7-1038 ED 020 447

GEORGE, JAMES DALTON
INFLUENCE OF SELECTED FACTORS ON THE NORTH CAROLINA COUNTY EXTENSION WORKER'S DEFINITION OF THE ROLE OF COOPERATIVE EXTENSION.,THE
ED 020 456

GETZELS, J.W.
PRE-SCHOOL EDUCATION.
ED 020 785

GIBBONEY, RICHARD
SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE WASHINGTON, D.C., PUBLIC SCHOOLS.,A
ED 020 971

GLADNEY, THOMAS A.
INFLUENCE OF SYNTACTIC ERRORS ON SENTENCE RECOGNITION.,THE
ED 020 494

GLASGOW, ROBERT B.
STUDY TO DETERMINE THE FEASIBILITY OF ADAPTING THE CARL ORFF APPROACH TO ELEMENTARY SCHOOLS IN AMERICA. FINAL REPORT.
BR-5-8263 ED 020 804

GOLDBERG, SIDNEY
PARENTS' EVALUATION OF THE HEAD START PROGRAM IN THE MILWAUKEE PUBLIC SCHOOLS.
ED 020 806

GOLDBERG, STANLEY
EFFECTS OF NATIONAL SCIENTIFIC STYLE ON THE UNDERSTANDING OF SCIENTIFIC INNOVATION--SPECIAL RELATIVITY, A CASE HISTORY. FINAL REPORT.,THE
BR-5-8280 ED 020 918

GOODMAN, KENNETH S.
LINGUISTICS AND THE TEACHING OF READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-12 ED 020 881

WORDS AND MORPHEMES IN READING.
ED 020 864

GOODMAN, YETTA M.
LINGUISTICS AND THE TEACHING OF READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-12 ED 020 881

GORMIN, PATRICIA
NEW ORLEANS SERVES UP FINE ARTS TO FEED YOUNG EGOS.
ED 020 988

GOUGH, LOWELL A.
STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT.,A
ED 021 130

GRABER, RALPH S.
BASEBALL IN AMERICAN FICTION.
ED 020 931

GRAHAM, ROBERT J.
IMPACT OF PL 89-10 TITLE I ACTIVITIES ON THE READING COMPETENCE OF ELEMENTARY AND SECONDARY SCHOOL LEARNERS. FINAL REPORT.,THE
OE-6-99-162 ED 020 862

GRAHMA, A. BRUCE, ED.
SENSORINEURAL HEARING PROCESSES AND DISORDERS, HENRY FORD HOSPTIAL INTERNATIONAL SYMPOSIUM (DETROIT, MICHIGAN, MARCH 25-27, 1965).
ED 020 608

GRAY, CHARLES L.
MUSIC BUILDINGS, ROOMS AND EQUIPMENT.
ED 020 639

GREEN, ALFRED L.
MANPOWER AND THE PUBLIC EMPLOYMENT SERVICE IN EUROPE, A STUDY OF PROGRAMS AND OPERATIONS.
ED 021 047

GRIFFITH, LEROY H.
DEVELOPMENT AND IMPROVEMENT OF A PROGRAMED LEARNING SEQUENCE FOR USE IN CONSTRUCTING A TEACHING UNIT. FINAL REPORT.,THE
BR-6-8356 ED 020 679

GROSS, LYNNE S.
EXPERIMENTAL RESEARCH IN EDUCATIONAL TELEVISION. RESEARCH RESUME NUMBER 37.
CTA-CACER-RR-37 ED 020 681

GUMPERZ, JOHN J.
LANGUAGE, COMMUNICATION AND CONTROL IN NORTH INDIA. WORKING PAPER NUMBER 7.
ED 020 495

GURIN, ARNOLD
COST ANALYSIS IN DAY CARE CENTERS FOR CHILDREN. FINAL REPORT TO U.S. CHILDREN'S BUREAU.
ED 020 559

HAGELBERG, MILTON JOHN
STUDY OF THE GOALS AND CHARACTERISTICS OF EXTENSION CREDIT STUDENTS IN NORTHWESTERN MICHIGAN.,A
ED 020 478

HALES, CARMA J.
TEACHER'S GUIDE TO CONTINUOUS PROGRESS IN READING INSTRUCTION, 1967.,A
TITLE-3-DPSC-67-3068 ED 020 856

HALL, THOMAS S.
SOURCE MATERIALS FOR GENERAL AND HUMAN BIOLOGY. FINAL REPORT.
BR-5-1189 ED 020 913

HALL, VERNON C.
VARIABLES AFFECTING THE PERFORMANCE OF YOUNG CHILDREN ON A LETTER DISCRIMINATION TASK.
ED 020 797

HALLE, MORRIS
SOUND PATTERN OF ENGLISH.,THE
ED 020 511

HALPERT, HAROLD P.
MODELS FOR THE APPLICATION OF SYSTEMS ANALYSIS TO THE DELIVERY OF MENTAL HEALTH SERVICES.
ED 020 539

HAMMERMAN, DONALD R.
TEACHING IN THE OUTDOORS.
ED 020 828

HAMMERMAN, WILLIAM M.
TEACHING IN THE OUTDOORS.
ED 020 828

HAMREUS, DALE G.
STUDY TO DETERMINE THE FEASIBILITY OF ADAPTING THE CARL ORFF APPROACH TO ELEMENTARY SCHOOLS IN AMERICA. FINAL REPORT.
BR-5-8263 ED 020 804

HANSON, MARVIN L.
EFFECTIVENESS OF FILM IN CHANGING PARENTAL ATTITUDES. FINAL REPORT.
BR-6-1638 ED 020 659

HARDESTER, JANE SKINNER
SUGGESTED GUIDELINES FOR THE JUNIOR COLLEGE CHORAL PROGRAM AS PREPARED BY THE ACDA COMMITTEE ON JUNIOR COLLEGE CHORAL PROBLEMS.
ECC-68-3 ED 020 723

HARDY, HAZEL, ED.
GUIDE FOR TEACHING CHILD DEVELOPMENT, A BOOK OF TEACHING PLANS.,A
ED 021 054

HARLOW, NEAL
STUDY OF THE NEED FOR ADDITIONAL FACILITIES FOR THE EDUCATION OF LIBRARIANS IN THE UNIVERSITY OF CALIFORNIA.,A
ED 020 750

HARMON, DARELL BOYD
CO-ORDINATED CLASSROOM.,THE
ED 020 621

HARMON, JOHN T., ED.
SUPPLEMENT FOR GERMAN, NORWEGIAN, POLISH, RUSSIAN, AND SWEDISH TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.,A
ED 020 704

SUPPLEMENT FOR SPANISH AND PORTUGUESE TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.,A
ED 020 705

SUPPLEMENT FOR FRENCH AND ITALIAN TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.,A
ED 020 706

HARRIS, ALBERT J.
GRADE EQUIVALENT COMPARISONS BETWEEN DISADVANTAGED NEGRO URBAN CHILDREN WITH AND WITHOUT KINDERGARTEN EXPERIENCE WHEN TAUGHT TO READ BY SEVERAL METHODS.
ED 020 798

HARRIS, CHARLES
SPRINGBOARDS, TEXTS THE STUDENTS STEAL.
ED 020 969

HARTMAN, PAUL
LAW, VOL. 1, NO. 1, JANUARY, 1966.
ED 021 002

HASTINGS, GERALDINE
TECHNIQUES FOR EFFECTIVE TEACHING.
ED 021 056

HAYES, ALFRED S.
NEW DIRECTIONS IN FOREIGN LANGUAGE TEACHING.
ED 020 707

HAYGOOD, NOREEN, ED.
EXETER PAPERS, REPORT OF THE FIRST INTERNATIONAL CONFERENCE ON THE COMPARATIVE STUDY OF ADULT EDUCATION,THE
ED 020 487

HECKART, RHUA, ED.
PROGRESS AND PROSPECT, A SUMMARY OF THE PROCEEDINGS OF THE SECOND ANNUAL CONFERENCE OF THE COUNCIL ON LIBRARY TECHNOLOGY (TOLEDO, MAY 23-25, 1968).
ED 020 769

HECKER, DONALD L.
INTEREST AND INTELLECTUAL INDICES RELATED TO SUCCESSFUL AND NON-SUCCESSFUL MALE COLLEGE STUDENTS IN TECHNICAL AND ASSOCIATE DEGREE PROGRAMS. FINAL REPORT.
BR-5-0116 ED 021 127

HEDLEY, CAROLYN
INTERACTION ANALYSIS OF MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS TO COLLEGE ORIENTATION.
ED 020 537

HEGER, ROBERT J.
OPEN SYSTEM THEORY AND CHANGE IN VOCATIONAL PROGRAMS OF IDAHO SECONDARY SCHOOLS.
BR-6-3014 ED 021 138

HEINBERG, PAUL
SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME ONE, LEARNER'S HANDBOOK.
ED 020 523

SPEECH-COMMUNICATION LEARNING SYSTEM. VOLUME TWO, SCRIPTS OF ALL AUDIO PROGRAMS.
ED 020 524

HEINSTEIN, MARTIN
CHILD REARING IN CALIFORNIA, A STUDY OF MOTHERS WITH YOUNG CHILDREN.
ED 020 783

HELGESON, STANLEY L.
LESSONS PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6.
BR-5-0216 ED 020 907

RELATIONSHIPS BETWEEN CONCEPTS OF FORCE ATTAINED AND MATURITY AS INDICATED BY GRADE LEVELS,THE
BR-5-0216 ED 020 910

HERNANDEZ, LUIS F.
CULTURALLY DISADVANTAGED MEXICAN-AMERICAN STUDENT. PART I,THE
ED 020 979

HILL, EDWIN K.
DEVELOPMENT AND TESTING OF AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO HELP STUDENTS ACQUIRE BASIC ELECTRICAL OCCUPATIONAL COMPETENCIES. FINAL REPORT NO. 19,THE
BR-7-0031 ED 021 141

HILL, RUANE B., ED.
FARTHER VISION, EDUCATIONAL TELEVISION TODAY,THE
ED 020 672

HOGAN, ROBERT F.
OBSCENITY, THE LAW AND THE ENGLISH TEACHER–TWO PAPERS.
ED 020 929

HOLEMON, RICHARD L.
EDUCATIONAL ADMINISTRATOR TRAINING FOR THE MULTI-CULTURAL COMMUNITY. FINAL REPORT FOR THE NATIONAL INSTITUTE OF MENTAL HEALTH.
ED 020 577

HOLMES, CARL
OPINION OF EDUCATORS ON BLOCK-TIME VOCATIONAL BUSINESS AND OFFICE PRACTICE CLASSES. FINAL REPORT.
BR-6-3046 ED 021 136

HOMAN, LARRY E.
EVALUATION OF SERVICE ACTIVITIES UNDERTAKEN BY THE EDUCATIONAL SERVICE CENTER FOR THE PERIOD SEPTEMBER 1, 1966 TO JULY 1, 1967.
ED 020 818

HOOVER, R.M.
AIR DISTRIBUTION NOISE CONTROL IN CRITICAL AUDITORIUMS.
ED 020 645

HOWATT, CLARKE T.
RESEARCH IN CLASSROOM THERMAL ENVIRONMENT AT GARDENHILL SCHOOL IN LA MIRADA, CALIFORNIA.
ED 020 620

HOWE, HAROLD , II
BEAR SOMETHING AWAY.
ED 020 993

HOWE, HAROLD, II
COWBOYS, INDIANS, AND AMERICAN EDUCATION.
ED 020 810

EDUCATION'S MOST CRUCIAL ISSUE.
ED 020 992

FRUSTRATIONS OF PROGRESS,THE
ED 020 976

NEGLECTED MAJORITY,THE
ED 020 991

RESPECT, ENGAGEMENT, RESPONSIBILITY.
ED 020 989

HUFFMAN, HARRY
TAXONOMY OF OFFICE ACTIVITIES FOR BUSINESS AND OFFICE EDUCATION. INTERIM REPORT. RESEARCH 12,A
BR-7-1223 ED 021 140

HUG, JOHN W.
CURRICULUM ENRICHMENT OUTDOORS.
ED 020 850

HUGHES, JOHN F.
REPORT ON CONFERENCES ON SPECIAL EDUCATIONAL PROGRAMS FOR MIGRATORY CHILDREN OF MIGRATORY AGRICULTURAL WORKERS.
ED 020 808

HUNT, KELLOGG W.
INSTRUMENT TO MEASURE SYNTACTIC MATURITY, PRELIMINARY VERSION,AN
BR-6-2253 ED 020 926

HURLEY, OLIVER L.
LINGUISTIC ANALYSIS OF VERBAL INTERACTION IN SPECIAL CLASSES FOR THE MENTALLY RETARDED.
BR-7-0130 ED 020 597

ICOLARI, DANIEL
REFERENCE ENCYCLOPEDIA OF THE AMERICAN INDIAN.
ED 020 853

ILIKA, JOSEPH
AGE OF ENTRANCE INTO THE FIRST GRADE AS RELATED TO ARITHMETIC ACHIEVEMENT.
ED 020 801

IMHOOF, MAURICE
CONTROLLING CULTURAL VARIATIONS IN THE PREPARATION OF TESOL MATERIALS.
ED 020 517

IMPELLITTERI, JOSEPH T.
COMPUTER AS AN AID TO INSTRUCTION AND GUIDANCE IN THE SCHOOL,THE
ED 020 529

INGER, MORTON
HOBSON V. HANSEN–WHAT IS LAW FOR.
ED 020 978

IRONS, PETER H.
IMPACT OF OPERATION HEAD START ON GREENE COUNTY, OHIO, AN EVALUATION REPORT,THE
OEO-572 ED 020 772

IRONSIDE, DIANA J.
DIRECTORY OF ADULT EDUCATION ORGANIZATIONS, 1968.
ED 020 488

ISENBERG, ROBERT
INTERMEDIATE UNITS AND SMALL HIGH SCHOOLS.
ED 020 815

ISENBERG, ROBERT M.
EVOLVING INTERMEDIATE UNIT,THE
ED 020 843

JACKOBSON, LEO
CARS ON CAMPUS. A REPORT ON CIRCULATION AND PARKING POLICIES FOR THE UNIVERSITY OF WISCONSIN CAMPUS, IN MADISON.
ED 020 625

JACOBSON, MYRTLE S.
STUDY IN ORGANIZATIONAL INTERACTION BETWEEN AN EVENING COLLEGE AND ITS PARENT INSTITUTION. FINAL REPORT,A
BR-6-8725 ED 020 572

JENKINS, H. HARRISON
DIVISIVE ISSUE, FREEDOM OF CHOICE,A
ED 020 968

JENKINS, MELVIN E.
FOREST TECHNOLOGY, A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.
ED 021 063

JENKINSON, EDWARD B., ED.
BOOKS FOR TEACHERS OF ENGLISH, AN ANNOTATED BIBLIOGRAPHY. INDIANA UNIVERSITY ENGLISH CURRICULUM STUDY SERIES.
BR-5-0677-4 ED 020 933

JENKINSON, MARION D.
RESEARCH PERTINENT TO THE TRAINING OF READING TEACHERS.
ED 020 872

JOHN, VERA
COMMUNICATIVE COMPETENCE OF LOW-INCOME CHILDREN–ASSUMPTIONS AND PROGRAMS.
ED 020 775

JOHNSON, EDWARD E.
REGIONAL EVALUATION AND RESEARCH CENTER FOR HEAD START, SOUTHERN UNIVERSITY. ANNUAL REPORT.
ED 020 792

JOHNSON, MARJORIE S.
PROVIDING CLINICAL SERVICES IN READING–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-5 ED 020 877

JOHNSON, ORVAL G.
STUDY OF A MEASUREMENT RESOURCE IN CHILD RESEARCH, PROJECT HEAD START,A
OEO-2452 ED 020 790

JOHNSTON, RAYMOND F.
STRUCTURED LEARNING AND TRAINING ENVIRONMENTS–A PREPARATION LABORATORY FOR ADVANCED MAMMALIAN PHYSIOLOGY.
MSU-EDP-PR-203 ED 020 671

JOHNSTON, RUPERT BERNARD
FAMILY GOALS AND SOME FACTORS ASSOCIATED WITH THEIR ACCOMPLISHMENT.
ED 020 479

JONES, ARTHUR R., JR.
RURAL LIFE AND URBANIZED SOCIETY.
ED 020 852

JONES, SHUELL H.
HEAD START EVALUATION AND RESEARCH CENTER, TULANE UNIVERSITY. FINAL REPORT. (TITLE SUPPLIED).
IED-66-1-13 ED 020 782

JORDAN, JAMES R.
NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION–A DEMONSTRATION OF A NATIONAL PROGRAM AGENCY FOR INSTRUCTIONAL TELEVISION. FINAL REPORT,THE
BR-5-0273 ED 020 655

JOSEPHS, LOIS
TEACHING "MOBY DICK," A METHOD AND AN APPROACH.
ED 020 932

JOYCE, BRUCE R.
EXPLORATION OF THE UTILIZATION OF PERSONNEL IN THE SUPERVISION OF STUDENT TEACHERS WHEN FEEDBACK VIA FILMS AND SYSTEMS FOR THE ANALYSIS OF TEACHING ARE INTRODUCED INTO THE STUDENT TEACHING PROGRAM. FINAL REPORT.
BR-5-1079 ED 020 575

KARDINER, ABRAM
MARK OF OPPRESSION, EXPLORATIONS IN THE PERSONALITY OF THE AMERICAN NEGRO,THE
ED 020 953

KARNES, JAMES B.
EMERGING PROGRAMS OF VOCATIONAL AND TECHNICAL EDUCATION IN SECONDARY SCHOOLS OF MISSOURI IN RELATION TO MANPOWER NEEDS. (D.ED. THESIS SUMMARY).
ED 021 050

KARRAKER, R.J.
TEACHING BEGINNING READERS TO DISTINGUISH BETWEEN SIMILAR LETTERS OF THE ALPHABET. FINAL REPORT.
BR-6-1655 ED 020 860

KARWIN, THOMAS J.
INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS. SUPPLEMENT, INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS WITHIN THE UNIVERSITY OF CALIFORNIA. OCCASIONAL PAPER NO. 2.
ED 020 682

KAUFMAN, MAURICE
FIGURE-GROUND IN VISUAL PERCEPTION.
ED 020 863

KAYA, ESIN
DEVELOPING A THEORY OF EDUCATIONAL PRACTICE FOR THE ELEMENTARY SCHOOL. PROJECT REPORT TO THE FORD FOUNDATION FUND FOR THE ADVANCEMENT OF EDUCATION.
ED 020 564

KEAR, EDWARD
COLLECTION AND STATISTICAL EVALUATION OF QUANTITATIVE DATA FOR HAND-EYE COORDINATION WITH RESPECT TO DETERMINING ITS CORRELATION WITH READING DISABILITY AT BOTH THE PRIMARY AND SECONDARY SCHOOL LEVELS. FINAL REPORT,THE
BR-6-8324 ED 020 861

KELLY, JAMES
TEACHING STRATEGIES FOR MIDDLE EASTERN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 935

TEACHING STRATEGIES FOR ASIAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 936

TEACHING STRATEGIES FOR AFRICAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 938

KELLY, PATRICK J.
EVALUATION OF SERVICE ACTIVITIES UNDERTAKEN BY THE EDUCATIONAL SERVICE CENTER FOR THE PERIOD SEPTEMBER 1, 1966 TO JULY 1, 1967.
ED 020 818

KENDRA, LAWRENCE M.
PARKING FACILITY PROJECTIONS BASED ON THE 1968 STUDENT PARKING SURVEY.
ED 020 743

KESSLER, WILLIAM J.
FUNDAMENTALS OF TELEVISION SYSTEMS.
ED 020 657

KIEHN, SHIRLEY O.
SURVEY AND ANALYSIS OF MAJOR TASKS, KNOWLEDGES ASSOCIATED WITH WORK IN CHILD CARE OCCUPATIONS. FINAL REPORT,A
BR-7-0031 ED 021 066

KILIAN, OTTO H.
LONG RANGE DEVELOPMENT PLAN FOR HONOLULU COMMUNITY COLLEGE.
PROJ-1811-01 ED 020 643

KILPATRICK, GORDON
ACADEMIC RANK CRITERIA IN AMERICAN JUNIOR COLLEGES.
ECC-65-24 ED 020 719

ANOTHER LOOK AT TEACHER EVALUATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-8 ED 020 720

CHOOSING AN OCCUPATION WISELY–A PROPOSAL TO TAKE THE GUESSWORK OUT OF FUTURE VOCATIONAL GUIDANCE.
ED 020 718

SERVICE EDUCATION WITH RECOMMENDATIONS CONCERNING ITS IMPLEMENTATION IN AMERICAN JUNIOR COLLEGES,IN-
ECC-67-7 ED 020 721

KIMBALL, SOLON T.
EDUCATION FOR RURAL PEOPLES IN THE NEW AMERICA.
ED 020 832

KITZMILLER, RICHARD L.
MODEL VOCATIONAL EDUCATION PROGRAM FOR THE SLOW LEARNER,A
ED 021 046

KLEIN, BERNARD
REFERENCE ENCYCLOPEDIA OF THE AMERICAN INDIAN.
ED 020 853

KNIGHT, DOUGLAS M.
LIBRARY SERVICES FOR THE NATION'S NEEDS, TOWARD FULLFILLMENT OF A NATIONAL POLICY. REPORT OF THE NATIONAL ADVISORY COMMISSION ON LIBRARIES.
ED 020 446

KNOLL, PETER F. JR.
INSERVICE TRAINING FOR VOCATIONAL TEACHERS IN UTAH. FINAL REPORT.
BR-6-3046 ED 021 128

KOENIG, ALLAN E., ED.
FARTHER VISION, EDUCATIONAL TELEVISION TODAY,THE
ED 020 672

KOHL, HERBERT R.
TEACHING THE "UNTEACHABLE," THE STORY OF AN EXPERIMENT IN CHILDREN'S WRITING.
ED 020 928

KOMOSKI, P. KENNETH
DEVELOPMENT OF A SYSTEM FOR AN EDUCATIONAL PRODUCTS INFORMATION EXCHANGE. FINAL REPORT.
BR-7-0274 ED 020 566

KOVAL, MARY
YOUTH IN NEW YORK CITY–OUT-OF-SCHOOL AND OUT-OF-WORK, A STUDY OF EMPLOYMENT AND EDUCATION OF TEENAGERS AND YOUNG ADULTS. REPORT.
ED 020 956

KRAMER, LUCY M.
TRAINING HEALTH SERVICE WORKERS–THE CRITICAL CHALLENGE, PROCEEDINGS OF THE CONFERENCE ON JOB DEVELOPMENT AND TRAINING FOR WORKERS IN HEALTH SERVICES (WASHINGTON, D.C., FEBRUARY 14-17, 1966).
ED 021 055

KREITLOW, BURTON W.
ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN,THE
BULL-525 ED 020 836

RESTUDY OF THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN,A
BULL-582 ED 020 824

KRESS, ROY A.
PROVIDING CLINICAL SERVICES IN READING–AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-5 ED 020 877

KRIKELAS, JAMES
EFFECT OF ARRANGEMENT ON THE USE OF LIBRARY CATALOGS–AN EXPERIMENTAL STUDY OF A DIVIDED AND A DICTIONARY CATALOG. FINAL REPORT,THE
BR-7-E-014 ED 020 767

LIBRARY STATISTICS AND STATE AGENCIES, A COMPARATIVE STUDY OF THREE STATES. RESEARCH SERIES NO. 12.
ED 020 761

KRULEE, GILBERT K.
INFLUENCE OF SYNTACTIC ERRORS ON SENTENCE RECOGNITION,THE
ED 020 494

KRUZNER, DONALD L.
SUPERINTENDENT AS A COMMUNITY EDUCATIONAL LEADER,THE
ED 020 827

KURLAND, NORMAN D.
FEASIBILITY STUDY TO DETERMINE NEED AND FUNCTION OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT PUBLICATIONS. FINAL REPORT.,A
BR-6-8645 ED 020 765

LAMANNA, RICHARD A.
RECENT TRENDS IN EDUCATIONAL STATUS OF MEXICAN-AMERICANS IN TEXAS.
ED 020 813

LAMKIN, F.D.
PERSONALITY VARIABLE OF PREADOLESCENT YOUTH IN RELATION TO THE ELEMENTARY SCHOOL PROGRAM. FINAL REPORT.,A
BR-7-C-012 ED 020 551

LANE, HARLAN
EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION. PROGRESS REPORT NO. I, FEBRUARY 1--SEPTEMBER 1, 1961.
ORAP-04411-1-P ED 020 498

EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION--II. PROGRESS REPORT 2, SEPTEMBER 1, 1961 TO FEBRUARY 1, 1962.
ORAP-04411-2-P ED 020 499

PROGRAMMED LEARNING OF A SECOND LANGUAGE.
ED 020 703

LARK-HOROVITZ, BETTY
UNDERSTANDING CHILDREN'S ART FOR BETTER TEACHING.
ED 020 604

LARSON, C. THEODORE
ENVIRONMENTAL ABSTRACTS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 1.
SER-1 ED 020 629

ENVIRONMENTAL EVALUATIONS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 2.
SER-2 ED 020 630

LARSON, WILLIAM R.
INTRA-FAMILY RELATIONSHIPS AND ADOLESCENT SCHOOL ADJUSTMENT. FINAL REPORT.
BR-5-8096 ED 020 555

LEDFORD, LOWELL E.
EDUCATIONAL TELEVISION IN THE SMALL SCHOOL.
ED 020 822

LEE, DORRIS
CRITICAL READING DEVELOPS EARLY.
ED 020 866

LEESON, JIM
CRUMBLING LEGAL BARRIERS TO SCHOOL DESEGREGATION,THE
ED 020 977

DESEGREGATING FACULTIES.
ED 021 018

DESEGREGATION, A NEW APPROACH, A NEW DEADLINE.
ED 020 966

TITLE IV, THE "HELP" PROGRAM IS EXPANDED.
ED 021 019

VIOLENCE, INTIMIDATION AND PROTEST. DESEGREGATION.
ED 020 980

LEHMANN, W.P.
MACHINE TRANSLATION RESEARCH DURING THE PAST TWO YEARS.
ED 020 503

LERNER, RITA G.
DEVELOPMENT OF MULTI-COORDINATE VOCABULARY, PLASMA PHYSICS.
ED 020 903

DEVELOPMENT OF A MULTI-COORDINATE VOCABULARY, CHEMICAL PHYSICS.
ED 020 904

LERNER, SEYMOUR
COMPUTER AS AN AID IN TEACHING MATHEMATICS, AN INSTRUCTIONAL BULLETIN, GRADES 7-10,THE
ESEA-5 ED 020 660

LEVIN, J.I.
NUMERICAL CHARACTERISTICS OF SYMBOL DISTRIBUTION IN A TEXT,THE
ED 020 512

LEVINE, JOHN M.
CONSENSUS AND CONFORMITY.
BR-5-0216 ED 020 552

LIBAW, FRIEDA B.
LINGUA PLAN,THE
GRN-0-301 ED 020 504

LIEBERMAN, MYRON
CIVIL RIGHTS FIASCO IN PUBLIC EDUCATION, DESEGREGATION SINCE 1964,THE
ED 021 009

LIEBERSON, STANLEY
ETHNIC PATTERNS IN AMERICAN CITIES.
ED 020 954

LIEBESKIND, MORRIS
DESIGN AND CONSTRUCTION OF SCHOOL BUILDINGS. PROCEEDINGS, ASSOCIATION OF SCHOOL BUSINESS OFFICIALS OF THE UNITED STATES AND CANADA, ANNUAL MEETING AND EDUCATIONAL EXHIBIT, (50TH SAN FRANCISCO, CALIFORNIA, OCTOBER 71-22, 1964).
ED 020 624

LINDELL, EBBE
INSTRUCTIONAL METHODS, GERMAN.
ED 020 710

LISONBEE, LORENZO
TEACHING SCIENCE TO THE DISADVANTAGED PUPIL.
ED 020 952

LIVERIGHT, A.S., ED.
EXETER PAPERS, REPORT OF THE FIRST INTERNATIONAL CONFERENCE ON THE COMPARATIVE STUDY OF ADULT EDUCATION,THE
ED 020 487

LLOYD, DONALD J.
SUB-CULTURAL PATTERNS WHICH AFFECT LANGUAGE AND READING DEVELOPMENT.
ED 020 920

LOMBARD, AVIMA
HEAD START RESEARCH AND EVALUATION OFFICE, UNIVERSITY OF CALIFORNIA AT LOS ANGELES. APPENDIX I TO THE ANNUAL REPORT, NOVEMBER 1967.
IED-1-66-12 ED 020 793

LONG, GILBERT A.
CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED IN SEVEN TYPES OF AGRICULTURAL PRODUCTION--GRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, AND GENERAL FARMING. REPORT NO. 27.
ED 021 067

LORING, ROSALIND KOLAN
SURVEY OF "SPECIAL" EDUCATIONAL PROGRAMS FOR ADULT WOMEN IN UNIVERSITY EXTENSION DIVISIONS AND EVENING COLLEGES,A
ED 020 459

LOVELESS, AUSTIN
VOCATIONAL SCHOLARSHIPS, FINANCIAL AIDS AVAILABLE TO STUDENTS PURSUING VOCATIONAL OR TECHNICAL TRAINING IN NON-BACCALAUREATE PROGRAMS AT UTAH POST-SECONDARY SCHOOLS.
BR-6-3046 ED 021 051

LOVELESS, AUSTIN G.
DISTRIBUTIVE EDUCATION CURRICULUM AS EVALUATED BY BUSINESSMEN AND DISTRIBUTIVE EDUCATION STUDENTS OF UTAH. FINAL REPORT,THE
BR-6-3046 ED 021 135

OPINION OF EDUCATORS ON BLOCK-TIME VOCATIONAL BUSINESS AND OFFICE PRACTICE CLASSES. FINAL REPORT.
BR-6-3046 ED 021 136

MACCOBY, MICHAEL
CULTURAL AND SOCIOLOGICAL FACTORS RELATING TO LEARNING DEVELOPMENT. FINAL REPORT.
BR-6-8636 ED 020 550

MACCOBY, NATHAN
PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 1, THE PROJECT AS A WHOLE--ORGANIZATION, ADAPTATION, AND EXPANSION,THE
ED 020 663

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 2, THE PROJECT'S FIRST SEMESTER--PUPIL ACHIEVEMENT, TEACHER ATTITUDES, AND THE WORK OF THE UTILIZATION VOLUNTEER,THE
ED 020 664

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 3, IMPROVING THE EFFECTIVENESS OF THE UTILIZATION VOLUNTEER AND THE UTILIZATION OF ETV BY THE COLOMBIAN TEACHER,THE
ED 020 665

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 4, THE COLOMBIAN TEACHER AND THE UTILIZATION VOLUNTEER--MAKING ETV WORK IN THE SCHOOLS OF A DEVELOPING COUNTRY,THE
ED 020 666

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 6, INSTRUCTIONAL TELEVISION FOR THE IN-SERVICE TRAINING OF THE COLOMBIAN TEACHER,THE
ED 020 667

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 8, THE TELEVISED CURRICULUM AND THE COLOMBIAN TEACHER,THE

ED 020 668

PEACE CORPS EDUCATIONAL TELEVISION PROJECT IN COLOMBIA–TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 10, FEEDBACK TO THE PEACE CORPS ON PROJECT PROGRESS–SOME MODELS AND SUGGESTIONS,THE
ED 020 669

MACLEAN, GEORGE
COLLECTION AND STATISTICAL EVALUATION OF QUANTITATIVE DATA FOR HAND-EYE COORDINATION WITH RESPECT TO DETERMINING ITS CORRELATION WITH READING DISABILITY AT BOTH THE PRIMARY AND SECONDARY SCHOOL LEVELS. FINAL REPORT,THE
BR-6-8324 ED 020 861

MANERA, ELIZABETH S.
DEVELOPMENT AND IMPROVEMENT OF A PROGRAMED LEARNING SEQUENCE FOR USE IN CONSTRUCTING A TEACHING UNIT. FINAL REPORT,THE
BR-6-8356 ED 020 679

MANGRUM, CHARLES T.
CITATION BIBLIOGRAPHY OF SELECTED SOURCES ON DYSLEXIA AND LEARNING DISABILITIES,A
ERIC-CRIER-VOL-1-BIBLIOGR-9 ED 020 865

MANNING, JOHN C.
ECLECTIC READING INSTRUCTION FOR PRIMARY GRADE SUCCESS.
ED 020 869

MANSER, ELLEN P.
OVERVIEW OF PROJECT ENABLE,AN
ED 020 471

MARQUARDT, D.N.
SELECTED PAPERS FROM REGIONAL CONFERENCES 1966-67.
AC3-PUB-NO-35 ED 020 915

MARQUIT, LAWRENCE J.
PERCEPTIONS OF THE SUPERVISORY BEHAVIOR OF SECONDARY SCHOOL PRINCIPALS.
ED 020 579

MARTIN, DAVID
SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE LOS ANGELES AND PHOENIX PUBLIC SCHOOLS,A
ED 020 972

MARTIN, LOWELL A.
BALTIMORE REACHES OUT–LIBRARY SERVICE TO THE DISADVANTAGED. DEICHES FUND STUDIES OF PUBLIC LIBRARY SERVICE, NUMBER 3.
ED 020 768

MARTIN, WALTER TRAVIS, JR.
FUNDAMENTALS LEARNING LABORATORIES IN INDUSTRIAL EDUCATION CENTERS, TECHNICAL INSTITUTES AND COMMUNITY COLLEGES IN NORTH CAROLINA.
ED 020 727

MARX, BARBARA S.
EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT,AN
ED 020 632

MATHER, MARY E., ED.
HOME ECONOMICS RESEARCH ABSTRACTS–1966. HOME ECONOMICS EDUCATION.
ED 021 058

MATHIS, GILBERT L.
MANAGERIAL PERCEPTION AND SUCCESS IN FARMING, FINAL CHAPTER AND APPENDICES OF A PH.D. DISSERTATION. RESEARCH SERIES IN AGRICULTURAL EDUCATION.
ED 021 057

MATTOX, ROBERT F.
PLANNING THE CAMPUS BY COMPUTER.
ED 020 631

MAYER, HERTA
IMPORTANCE OF MAINTAINING LONG-TERM TREATMENT SERVICES FOR THE ECONOMICALLY DEPRIVED FAMILY,THE
ED 020 542

MCCRACKEN, ROBERT A.
OBSERVATION ABOUT HAWTHORNE EFFECT IN AN EXPERIMENT IN THE TEACHING OF READING IN FIRST GRADE–A HYPOTHESIS,AN
ED 020 870

MCCROSSAN, JOHN
LIBRARY SERVICES FOR THE HANDICAPPED IN OHIO.
ED 020 758

MCGUFFEY, C.W.
EVALUATION STUDY OF THE COLLEGE FACILITIES PROGRAM. FINAL REPORT,AN
ED 020 627

MCMAHON, ERNEST E.
REALITY AND THE AUEC.
ED 020 463

MEANY, GEORGE
SCHOOLS–AND DIGNITY–FOR ALL.
ED 021 010

MELCHIOR, THOMAS E.
LANGUAGE UNIT IN THE JUNIOR HIGH SCHOOL,A
ED 020 930

MELTZER, JACK
IMPACT OF SOCIAL CLASS.
ED 020 960

MENZEL, HERBERT
EFFECTIVENESS OF THE TELEVISED CLINICAL SEMINARS OF THE NEW YORK ACADEMY OF MEDICINE,THE
ED 020 457

MICKIEWICZ, ELLEN PROPPER
SOVIET POLITICAL SCHOOLS, THE COMMUNIST PARTY ADULT INSTRUCTION SYSTEM.
ED 020 453

MILLER, A.J.
NATIONAL PROGRAM DEVELOPMENT INSTITUTES IN TECHNICAL EDUCATION, SUMMER 1967, A COMPILATION OF SELECTED PRESENTATIONS AND INSTRUCTIONAL MATERIALS. LEADERSHIP 16.
ED 021 069

MILLER, DONALD R.
DESIGN CONSIDERATIONS FOR THE INSTRUCTIONAL PROGRAM OF OPERATION PEP.
DPSC-67-4410 ED 020 586

OPERATION PEP–A STATE-WIDE PROJECT TO PREPARE EDUCATIONAL PLANNERS FOR CALIFORNIA.
DPSC-67-4410 ED 020 584

SYSTEM APPROACH FOR SOLVING EDUCATIONAL PROBLEMS,A
DPSC-67-4410 ED 020 585

MILLER, NORMAN
SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE WASHINGTON, D.C., PUBLIC SCHOOLS,A
ED 020 971

MIZELL, M. HAYES
DIVISIVE ISSUE, FREEDOM OF CHOICE,A
ED 020 968

MODIANO, NANCY
CULTURAL AND SOCIOLOGICAL FACTORS RELATING TO LEARNING DEVELOPMENT. FINAL REPORT.
BR-6-8636 ED 020 550

MOGI, HITOSHI
KAUAI COMMUNITY COLLEGE, SITE SELECTION REPORT.
ED 020 642

MONCUR, JOHN P., ED.
INSTITUTE ON THE UTILIZATION OF SUPPORTIVE PERSONNEL IN SCHOOL SPEECH AND HEARING PROGRAMS (WASHINGTON, D.C., SEPTEMBER 6-8, 1967).
BR-6-1784 ED 020 609

MOORE, HAROLD E.
SCHOOL PERSONNEL ADMINISTRATOR,THE
R-SERVICE-BULL-24 ED 020 562

MOORE, TERENCE
REFLEXIVE IN ENGLISH AND SPANISH–A TRANSFORMATIONAL APPROACH,THE
ED 020 514

MORRELL, KEN
EQUATION AT OAK RIDGE,THE
ED 020 986

MORRILL, EUGENE L.
PILOT PROGRAM TO TEST THE FEASIBILITY OF INCREASING THE NUMBER OF VOCATIONAL AND TECHNICAL EDUCATION SCHOLARSHIPS IN TOOELE COUNTY, UTAH. FINAL REPORT,A
ED 021 060

MORRILL, KATHERINE A.
COMPARISON OF TWO METHODS OF READING SUPERVISION. REPORT,A
CRF-2706 ED 020 859

MORRIS, GLYN
BORN FOR JOY, A UNIQUE SUMMER PROGRAM FOR DISADVANTAGED CHILDREN DURING JULY, 1966.
ED 020 821

MORRISON, COLEMAN
GRADE EQUIVALENT COMPARISONS BETWEEN DISADVANTAGED NEGRO URBAN CHILDREN WITH AND WITHOUT KINDERGARTEN EXPERIENCE WHEN TAUGHT TO READ BY SEVERAL METHODS.
ED 020 798

MORTON, PAUL W.
COMMUNITY SERVICES OF THE COMMUNITY COLLEGES IN THE STATE OF PENNSYLVANIA.
ED 020 742

MOYEL, I.S.
STUDENT IDENTIFICATION WITH COLUMBUS COLLEGE–A PILOT STUDY.
CC-RB-OIR-1-67 ED 020 735

MULRY, JUNE GRANT
IMPROVING LANGUAGE ARTS INSTRUCTION THROUGH RESEARCH.
ED 020 871

MYERHOFF, BARBARA G.
INTRA-FAMILY RELATIONSHIPS AND ADOLESCENT SCHOOL ADJUSTMENT. FINAL REPORT.
BR-5-8096 ED 020 555

MYKLEBUST, HELMER R., ED.
PROGRESS IN LEARNING DISABILITIES. VOLUME I.
ED 020 605

MYLECRAINE, WALTER E.
PROJECTIONS OF PUBLIC SCHOOL FACILITIES NEEDS, 1968-69 THROUGH 1972-73.
ED 020 649

MYRICK, RICHARD
EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT,AN
ED 020 632

NELSON, BONNIE E.
COLLEGE PROGRAMS IN FRESHMAN COMPOSITION.
ED 020 939

NELSON, BONNIE E., COMP.
FRESHMAN ENGLISH AT THE STATE UNIVERSITY OF NEW YORK, BUFFALO.
ED 020 940

FRESHMAN ENGLISH AT THE UNIVERSITY OF HAWAII.
ED 020 941

FRESHMAN ENGLISH AT THE UNIVERSITY OF TULSA, COLUMBIA BASIN COLLEGE, AND WESTERN STATE COLLEGE OF COLORADO.
ED 020 943

FRESHMAN ENGLISH AT FOURTEEN TWO-YEAR COLLEGES–JUNIOR COLLEGE OF ALBANY, AMARILLO, BAKERSFIELD, BECKLEY, CALIFORNIA CONCORDIA, CAZENOVIA, GRAND VIEW, HARCUM, LAKEWOOD STATE, MIAMI-DADE, AND COLBY, JEFFERSON, MONROE COUNTY, AND PORTLAND COMMUNITY COLLEGES.
ED 020 944

FRESHMAN ENGLISH AT THE UNIVERSITY OF KENTUCKY, OHIO STATE UNIVERSITY, PURDUE UNIVERSITY, AND SOUTHERN ILLINOIS UNIVERSITY.
ED 020 945

FRESHMAN ENGLISH AT SEVEN COLLEGES–AUGUSTANA COLLEGE, CENTRAL WASHINGTON STATE COLLEGE, CLARKE COLLEGE, STATE COLLEGE AT FRAMINGHAM, HARDING COLLEGE, EMPORIA STATE TEACHERS COLLEGE, AND KING'S COLLEGE.
ED 020 946

FRESHMAN ENGLISH AT TWELVE UNIVERSITIES–BOB JONES, DUQUESNE, JOHN CARROLL, KANSAS STATE, MARQUETTE, NORTHERN ILLINOIS, WASHINGTON, AND WASHINGTON STATE UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF ALABAMA, DAYTON, MINNESOTA (DULUTH), AND MISSISSIPPI.
ED 020 947

FRESHMAN ENGLISH AT EIGHT UNIVERSITIES–SOUTH DAKOTA STATE, SOUTHERN ILLINOIS (EDWARDSVILLE), TUFTS, AND WAKE FOREST UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF NORTH CAROLINA, SANTA CLARA, SOUTH FLORIDA, AND SOUTHERN CALIFORNIA.
ED 020 948

NELSON, BONNIE., COMP.
FRESHMAN ENGLISH AT NINE INSTITUTIONS WHICH HAVE ELIMINATED THE TRADITIONAL COURSE IN FRESHMAN COMPOSITION–ANTIOCH, ELMIRA, JUNIATA, AND SWARTHMORE COLLEGES AND BAKER, CLARK, EMORY, MARYLAND, AND TULANE UNIVERSITIES.
ED 020 942

NEWCOMB, DANIEL L., ED.
PROCEEDINGS, 1967 INTERNATIONAL CONVOCATION ON CHILDREN AND YOUNG ADULTS WITH LEARNING DISABILITIES (PITTSBURGH, PENNSYLVANIA, FEBRUARY 24-26, 1967).
ED 020 603

NOBLE, ALBERT C.
INTERESTS IN MANAGEMENT CONFERENCES AT EAST TENNESSEE STATE UNIVERSITY AMONG BUSINESS OWNERS AND MANAGERS,THE
ED 020 485

NORRED, ROBERT B.
OPERATION PEBBLE. SUMMARY REPORT.
ED 020 839

NORTH, ROBERT D.
NEW YORK CITY BOARD OF EDUCATION-FORD FOUNDATION CORRELATED CURRICULUM PROJECT, 1966-67. PILOT EVALUATION REPORT.
ED 020 583

NORTH, STEWART D.
CREATE A SCHOOL, A DESIGN FOR WORKING RELATIONSHIPS,TO
ED 020 619

NOSTRAND, HOWARD LEE
REPORT OF HOWARD LEE NOSTRAND, CHAIRMAN OF THE 1967-68 COMMITTEE ON A LEVEL-II STANDARD FOR UNDERSTANDING OF THE SOCIOCULTURAL CONTEXT (19TH ANNUAL MEETING OF THE PACIFIC NORTHWEST CONFERENCE ON FOREIGN LANGUAGES, CARROLL COLLEGE, APRIL 19-20, 1968).
ED 020 709

O'ROURKE, EDWARD W.
RURAL FAMILY IN 1965,THE
ED 020 841

OKADA, TETSUO
DYNAMICS OF ACHIEVEMENT–A STUDY OF DIFFERENTIAL GROWTH OF ACHIEVEMENT OVER TIME.
OE-TECH-N-NO-53 ED 020 527

OLLMANN, MARY J., ED.
MLA SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 686

ORNSTEIN, ALLAN C.
WHO ARE THE DISADVANTAGED.
ED 021 006

ORR, J. COLLINS
LANGUAGE TEACHING AND AV–A SELECTIVE BIBLIOGRAPHY.
ED 020 692

ORR, JEANNE
DEVELOPMENTAL CONFERENCE TO ESTABLISH GUIDELINES FOR PILOT PROGRAMS FOR TEACHING THE CONCEPTS OF ART APPRECIATION WHICH ARE BASIC IN THE GENERAL EDUCATION OF ALL PUBLIC SCHOOL STUDENTS. FINAL REPORT,A
BR-6-1180 ED 020 937

ORSINI, BETTE
NEW ROAD FOR YOUNG MIGRANTS.
ED 020 987

OSSER, HARRY
LANGUAGE CONTROL IN A GROUP OF HEAD START CHILDREN.
OEO-510 ED 020 789

SYNTACTIC STRUCTURES OF 5-YEAR-OLD CULTURALLY DEPRIVED CHILDREN,THE
OEO-510 ED 020 788

OTT, ELIZABETH H.
BASIC EDUCATION FOR SPANISH-SPEAKING DISADVANTAGED PUPILS.
ED 020 497

OVESEY, LIONEL
MARK OF OPPRESSION, EXPLORATIONS IN THE PERSONALITY OF THE AMERICAN NEGRO,THE
ED 020 953

PALOMARES, UVALDO H.
ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH SIX, SAN YSIDRO, CALIFORNIA.
DE7-150-4-68-1M ED 020 845

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH TWELVE, WASCO, CALIFORNIA.
DE7-151-4-68-1M ED 020 846

PAQUETTE, F. ANDRE
UNDERGRADUATE MFL TEACHER-TRAINING PROGRAMS IN SCHOOLS AND COLLEGES OF EDUCATION–A SURVEY.
ED 020 702

PARKER, RONALD K.
ASSESSMENT OF CHILDREN PARTICIPATING IN A COMPREHENSIVE ATTACK ON FAMILIAL POVERTY.
ED 020 998

PARSONS, THOMAS S.
TOWARD A THEORY OF HOME, SCHOOL, AND COMMUNITY INTERRELATIONS.
ED 020 526

PASCH, DOROTHY F.
CAPIC–FIRST YEAR REPORT, SEPTEMBER 1967.
RPS-PROJ-66-2012 ED 020 606

PAWLEY, ERIC
AIA SCHOOL PLANT STUDIES. A SELECTION 1952-1962.
ED 020 638

PEARCE, FRANK C.
STUDY OF THE BUSINESS AND INDUSTRIAL MANAGEMENT PROGRAMS AT COLLEGE OF SAN MATEO,A
CSM-RR-1968-3 ED 020 740

PEARL, ARTHUR
TWO VIEWS CONCERNING ABILITY GROUPING.
ED 020 983

PERRATON, HILARY D.
ELEVEN BROADCASTING EXPERIMENTS.
ED 020 467

PETERSON, JOHN F.
DEMONSTRATION STUDY TO DETERMINE THE EFFECT ON ACADEMIC PERFORMANCE OF GIVING HIGH SCHOOL TEACHERS BACKGROUND INFORMATION ON HIGH-POTENTIAL LOW-ACHIEVING STUDENTS,A
ED 020 975

PHILLIPS, BEEMAN N.
DIMENSIONS OF PROBLEM BEHAVIOR IN THE ELEMENTARY SCHOOL.
ED 020 558

PIMSLEUR, PAUL
NEW TESTS FOR A NEW ERA.
ED 020 691

PINE, WILLIAM C.
REPORT OF STUDY COMMITTEE I-C, AREA POSTSECONDARY INSTITUTIONS– COMMUNITY COLLEGES.
ED 020 731

PLASTRE, GUY

DOSSIER SUR "LA FORMATION PROFESSIONNELLE DES DIRECTEURS DE LABORATOIRE DE LANGUES" (PROPOSED COURSE OF STUDY FOR THE PROFESSIONAL PREPARATION OF LANGUAGE LABORATORY DIRECTORS).
ED 020 687

PLAUT, RICHARD L.
BLUEPRINT FOR TALENT SEARCHING, AMERICA'S HIDDEN MANPOWER.
ED 020 955

POMMERVILLE, ROBERT W.
QUANTITATIVE STUDY--AIRCRAFT INDUSTRY EMPLOYMENT NEEDS IN UTAH, COLORADO AND NEVADA. FINAL REPORT.
BR-6-3046 ED 021 129

PORTUNE, ROBERT
CINCINNATI POLICE-JUVENILE ATTITUDE PROJECT, POLICE-TEACHER CURRICULUM DEVELOPMENT FOR IMPROVING POLICE JUVENILE RELATIONS. FINAL REPORT.,THE
ED 020 469

POTTER, ROBERT R.
DEVELOPING ORIGINAL MATERIALS IN READING (A GUIDE FOR TEACHERS).
BR-5-0687 ED 020 445

POVICH, EDNA
GRAMMATICAL CONSTRUCTIONS IN THE LANGUAGE OF THE NEGRO PRESCHOOL CHILD.
ED 020 518

PRESGRAVES, JAMES S.
SURVEY OF PUBLIC SCHOOL ADULT GUIDANCE SERVICES IN FIFTY CITIES.,A
ED 020 484

PRIDE, J.B.
NOTES ON CURRENT DEVELOPMENTS IN THE STUDY OF LANGUAGE IN CULTURE AND SOCIETY.
ED 020 502

QUILLING, MARY
RESEARCH AND DEVELOPMENT ACTIVITIES IN R AND I UNITS OF TWO ELEMENTARY SCHOOLS OF MILWAUKEE, WISCONSIN, 1966-1967.
BR-5-0216 ED 020 911

RABKIN, SOL
LAW, VOL. 1, NO. 1, JANUARY, 1966.
ED 021 002

RAGSDALE, J. DONALD
PREDICTING PRONUNCIATION AND LISTENING SKILLS OF NATIVE SPEAKERS OF SPANISH--AN EXPLORATORY STUDY.
ED 020 516

RAHMLOW, HAROLD F.
SURVEY AND ANALYSIS OF MAJOR TASKS, KNOWLEDGES ASSOCIATED WITH WORK IN CHILD CARE OCCUPATIONS. FINAL REPORT.,A
BR-7-0031 ED 021 066

RANDALL, EARLE S.
WHAT HAVE WE LEARNED ABOUT FLES.
ED 020 695

RAVITZ, MEL
CITIES ARE CHANGING.
ED 020 963

RURAL IN-MIGRATION AND URBAN ASSIMILATION.
ED 020 811

REED, JACK C.
SERVICE EDUCATION OF OFFICE OCCUPATIONS TEACHER-COORDINATORS. FINAL REPORT.,IN-
BR-7-0542 ED 021 137

REES, ALUN L.W.
RUNNING A LANGUAGE LABORATORY.
ED 020 505

THEORY TO PRACTICE--SOME CRITICAL OBSERVATIONS ON THE ORGANIZATION AND ASSESSMENT OF TEACHING PRACTICE FOR PROSPECTIVE ENGLISH LANGUAGE TEACHERS.,FROM
ED 020 493

REID, RONALD JAMES
FLORIDA JUNIOR COLLEGE JOURNALISM CURRICULA, A REPORT.
ED 020 725

REMPEL, AVERNO M.
VOCATIONAL AGRICULTURE TEACHER MORALE STUDY--A COMPARISON OF SELECTED FACTORS IN SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "HIGH" WITH SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "LOW".
ED 021 043

REYES, RAMIRO
CALIFORNIA PLAN FOR THE EDUCATION OF MIGRANT CHILDREN. ANNUAL EVALUATION REPORT, FISCAL YEAR ENDING JUNE 30, 1967.
ED 020 831

REYNOLDS, MAYNARD C., ED.
EARLY SCHOOL ADMISSION FOR MENTALLY ADVANCED CHILDREN, A REVIEW OF RESEARCH AND PRACTICE.
ED 020 591

RIGGS, CORINNE W.
BIBLIOTHERAPY--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-16 ED 020 874

ROBERTS, ELLIS W.
DATA PROCESSING CURRICULUM FOR EDUCATORS. FINAL REPORT.
BR-8-0449 ED 020 451

ROBERTS, G.O.
FURTHER EDUCATION OF THE GENERAL STUDENT, A REPORT ON COURSES IN COLLEGES OF FURTHER EDUCATION FOR YOUNG PEOPLE WHO NEED NO VOCATIONAL QUALIFICATION.,THE
ED 020 468

RODRIGUEZ, ARMANDO
SPEAK UP, CHICANO.
ED 020 816

ROSEN, ELLEN F.
ATTEMPT TO FIND AN A PRIORI MEASURE OF STEP SIZE. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 13.,AN
NDEA-7A-806 ED 020 676

ROSENBAUM, PETER S.
ENGLISH GRAMMAR II.
AFCRL-68-0070 ED 020 520

LEARNABILITY OF A TRANSFORMATIONALLY GENERATED SUBSET OF ENGLISH.
AFCRL-68-0070 ED 020 521

ROSENBERG, LEON A.
JOHNS HOPKINS PERCEPTUAL TEST, THE DEVELOPMENT OF A RAPID INTELLIGENCE TEST FOR THE PRE-SCHOOL CHILD.,THE
OEO-510 ED 020 787

LIMITATIONS OF BRIEF INTELLIGENCE TESTING WITH YOUNG CHILDREN.,THE
OEO-510 ED 020 774

ROWE, HAROLD R.
STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT.,A
ED 021 130

ROWEN, BETTY J.R.
EXPLORATION OF THE USES OF RHYTHMIC MOVEMENT TO DEVELOP AESTHETIC CONCEPTS IN THE PRIMARY GRADES.,AN
CRP-S-416 ED 020 770

ROZZELL, FORREST
COMPETENT TEACHER OF THE DISADVANTAGED.,THE
ED 020 840

RUBINOFF, M.
EASY ENGLISH, A LANGUAGE FOR INFORMATION RETRIEVAL THROUGH A REMOTE TYPEWRITER CONSOLE.
ED 020 759

RULIFFSON, WILLARD ADAMS
ANALYSIS OF THE RATIONALE AND PROCEDURES FOR LONG-RANGE PLANNING -- FOUND IN SELECTED CORPORATE ENTERPRISES, GOVERNMENT AGENCIES OR DEPARTMENTS, AND SCHOOL SYSTEMS--WHICH ARE APPROPRIATE FOR EDUCATIONAL AND ADMINISTRATIVE PLANNING IN LOCAL SCHOOL SYSTEMS.,AN
BR-6-8317 ED 020 571

RUSSELL, JOHN DALE
MANUAL FOR STUDIES OF SPACE UTILIZATION IN COLLEGES AND UNIVERSITIES.
ED 020 617

RUSSELL, MARTIN
COMPUTER-AIDED INDEXING OF A SCIENTIFIC ABSTRACTS JOURNAL BY THE UDC WITH UNIDEK--A CASE STUDY.
AIP/UDC-4 ED 020 749

RYAN, T.A.
EFFECT OF AN INTEGRATED INSTRUCTIONAL COUNSELING PROGRAM TO IMPROVE VOCATIONAL DECISION-MAKING OF COMMUNITY COLLEGE YOUTH. FINAL REPORT.
BR-5-0154 ED 021 132

RYAN, WILLIAM
RESTRUCTURING CITY GOVERNMENT, THREE PROPOSALS FOR HUMAN SERVICES.
ED 020 995

RYANS, DAVID G.
COMPUTER-BASED LABORATORY FOR AUTOMATION IN SCHOOL SYSTEMS.,A
SP-256-000-01 ED 020 684

RYSKA, JOHN W.
SURVEY OF EVENING COLLEGE COUNSELING SERVICES IN CALIFORNIA JUNIOR COLLEGES.,A
ED 020 736

SAGE, ELLIS H.
DEVELOPMENTAL LEVEL AND VOCATIONAL INTERESTS (SVIB).
ED 020 543

SALTON, GERALD
INFORMATION STORAGE AND RETRIEVAL, REPORTS ON EVALUATION, CLUSTERING, AND FEEDBACK.
ISR-12 ED 020 748

SALTZMAN, IRVING J.
DIFFICULTIES ASSOCIATED WITH RESEARCH ON FOREIGN LANGUAGE LEARNING.
ED 020 694

SAMORA, JULIAN
RECENT TRENDS IN EDUCATIONAL STATUS OF MEXICAN-AMERICANS IN TEXAS.

ED 020 813

SAMSEL, RUTH L.
TALENT SEARCH PROJECT. FINAL REPORT.
ED 020 733

SAMUELS, S. JAY
PSYCHOLOGY OF LANGUAGE,THE
ED 020 508

SARGENT, SHIRLEY
FEASIBILITY STUDY TO DETERMINE NEED AND FUNCTION OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT PUBLICATIONS. FINAL REPORT,A
BR-6-8645 ED 020 765

SARTAIN, HARRY
INDIVIDUALIZED READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-1 ED 020 876

SAVARD, WILLIAM G.
DYNAMIC GENERAL PLANNING MODEL FOR THE HAWAII DEPARTMENT OF EDUCATION,A
ED 020 560

HIERARCHY OF CURRICULUM AND INSTRUCTION SYSTEM DOCUMENTATION AND THE CYCLE OF CURRICULUM AND INSTRUCTION FUNCTIONS, (A PAIR OF RELATED PAPERS),THE
ED 020 561

SCHAMESS, GERALD
IMPORTANCE OF MAINTAINING LONG-TERM TREATMENT SERVICES FOR THE ECONOMICALLY DEPRIVED FAMILY,THE
ED 020 542

SCHEIDT, OMAR HENRY
STUDY OF THE EXPENSE OF STUDENT PERSONNEL SERVICES IN SELECTED CALIFORNIA PUBLIC JUNIOR COLLEGES,A
ED 020 737

SCHILL, WILLIAM JOHN
CONCURRENT WORK-EDUCATION (PROGRAMS IN THE 50 STATES 1965-66). INITIAL DRAFT.
ED 021 049

SCHILLER, ANITA R.
CHARACTERISTICS OF PROFESSIONAL PERSONNEL IN COLLEGE AND UNIVERSITY LIBRARIES. FINAL REPORT.
BR-5-0919 ED 020 766

SCHWARZ, FRED R.
EFFECTS OF MANAGEMENT DEVELOPMENT ON MANAGER BEHAVIOR AND SUBORDINATE PERCEPTION.
ED 020 466

SCRIBNER, CHARLES, JR.
BUCK HILL FALLS REPORT, THE CHANGING NATURE AND SCOPE OF THE SCHOOL AND LIBRARY MARKET. ARE NEW MARKETING TECHNIQUES NEEDED. A CONFERENCE SPONSORED BY THE SCHOOL AND LIBRARY PROMOTION AND MARKETING COMMITTEE (BUCK HILL FALLS, APRIL 27-29,1966),THE
ED 020 747

SEARLS, LAURA G.
INNOVATIVE PROGRAMS IN WESTERN NEW YORK SCHOOLS.
ED 021 020

SECHLER, ROBERT
JUNIOR COLLEGE PROPOSAL FOR BOONE AND WINNEBAGO COUNTIES, JOINT REPORT OF THE NORTHERN ILLINOIS JUNIOR COLLEGE COMMITTEE AND NORTHERN ILLINOIS UNIVERSITY,A
ED 020 712

SEELS, BARBARA
READABILITY AND READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-10 ED 020 875

SERRANO, ALBERTO C.
SYSTEMS" APPROACH TO THE "SCHOOL UNDERACHIEVER.",A"
ED 020 545

SEXTON, PATRICIA C.
SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE NEW YORK CITY SCHOOLS,A
ED 020 974

SHANE, HAROLD G.
IMPROVING LANGUAGE ARTS INSTRUCTION THROUGH RESEARCH.
ED 020 871

SHEDD, MARK R.
DECENTRALIZATION AND URBAN SCHOOLS.
ED 020 959

SHELDON, WILLIAM D.
READING INSTRUCTION IN THE 1970'S FOR MEGALOPOLIS OR CENTER CITY.
ED 020 868

SHERMAN, VIVIAN S.
TRIAL AND TESTING OF AN EXPERIMENTAL GUIDANCE CURRICULUM. FINAL REPORT.
BR-7-8091 ED 020 554

SHIPLEY, FERNE
FREEDOM TO MOVE.
ED 020 778

SHOFFNER, SARAH M.
PROGRAMED INSTRUCTION AND THE DEMONSTRATION METHOD OF TEACHING AT THE JUNIOR HIGH LEVEL. FINAL REPORT.
BR-5-1042 ED 020 680

SIEBER, JOAN E.
PARADIGM FOR EXPERIMENTAL MODIFICATION OF THE EFFECTS OF TEST ANXIETY ON COGNITIVE PROCESSES,A
BR-5-0252 ED 020 549

SILVERMAN, ROBERT E.
RESPONSE TO VARYING LEVELS OF CONDITIONING REWARDS. FINAL REPORT.
BR-6-1625 ED 020 803

SIMON, ARTHUR R.
FACES OF POVERTY.
ED 020 958

SINCLAIR, WARD
SHOES DON'T MATTER WHEN A BRIGHT KID IS UPWARD BOUND.
ED 020 967

SITTS, MARVIN RALPH
STUDY OF THE PERSONALITY DIFFERENCES BETWEEN A GROUP OF WOMEN WHO HAD PARTICIPATED IN SEWING CLASSES IN AN ADULT EDUCATION PROGRAM AND A GROUP OF THEIR FRIENDS AND NEIGHBORS WHO HAD NOT PARTICIPATED IN ANY ADULT EDUCATION ACTIVITIES,A
ED 020 481

SLOCUM, WALTER L.
SOCIAL CHARACTERISTICS OF HIGH SCHOOL STUDENTS PLANNING TO PURSUE POST HIGH SCHOOL VOCATIONAL TRAINING. FINAL REPORT NO. 17.
BR-7-0031 ED 021 148

SMITH, EDGAR A., COMP.
DEVEREUX READABILITY INDEX.
ED 020 593

SMITH, JULIAN W.
OUTDOOR EDUCATION.
ED 020 826

SMITH, STUART E.
NEW FACTOR ANALYSIS OF THE SVIB--SUGGESTED MODIFICATION OF EXISTING GROUPS AND IMPLICATIONS FOR COUNSELING,A
ED 020 548

SOLOMON, BENJAMIN
PERSPECTIVE FOR EDUCATORS ON THE RACIAL ISSUE IN EDUCATION,A
ED 021 013

SOLOMON, DANIEL
DIMENSIONS OF ACHIEVEMENT-RELATED BEHAVIOR AMONG LOWER-CLASS NEGRO PARENTS.
ED 021 004

SPACHE, GEORGE D.
CLASSROOM ORGANIZATION FOR READING INSTRUCTION--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-6 ED 020 878

SPECTOR, IRWIN L.
COMPARISON OF A.C.T. SCORES OF TECHNOLOGY STUDENTS OF GLENDALE COMMUNITY COLLEGE WITH THE COLLEGE POPULATION IN GENERAL,A
GCC-DSR-G-O-66-3 ED 020 728

SPINDLER, EVELYN B.
PROGRAM AIDES" FOR WORK WITH LOW-INCOME FAMILIES,"
ED 020 994

STANBURY, ROBERT
ELEVENTH REPORT OF THE STANDING COMMITTEE ON BROADCASTING, FILMS AND ASSISTANCE TO THE ARTS.
R-11 ED 020 458

STAUSS, NYLES G.
INVESTIGATION INTO THE RELATIONSHIP BETWEEN CONCEPT ATTAINMENT AND LEVEL OF MATURITY,AN
BR-5-0216 ED 020 912

STEDMAN, JAMES M.
SYSTEMS" APPROACH TO THE "SCHOOL UNDERACHIEVER.",A "
ED 020 545

STEPHENS, JOHN F.
ANALYSIS OF QUESTIONNAIRE COMPLETED BY UTAH VOCATIONAL DIRECTORS.
BR-6-3046 ED 021 041

INSERVICE TRAINING FOR VOCATIONAL TEACHERS IN UTAH. FINAL REPORT.
BR-6-3046 ED 021 128

QUANTITATIVE STUDY--AIRCRAFT INDUSTRY EMPLOYMENT NEEDS IN UTAH, COLORADO AND NEVADA. FINAL REPORT.
BR-6-3046 ED 021 129

STERN, CAROLYN
HEAD START RESEARCH AND EVALUATION OFFICE, UNIVERSITY OF CALIFORNIA AT LOS ANGELES. APPENDIX I TO THE ANNUAL REPORT, NOVEMBER 1967.
IED-1-66-12 ED 020 793

STEVENS, GLENN Z.
CONTINUING EDUCATION OF ADULTS.
ED 020 455

STOLUROW, LAWRENCE M.
ATTEMPT TO FIND AN A PRIORI MEASURE OF STEP SIZE. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 13,AN
NDEA-7A-806 ED 020 676

THREE METHODS OF PROCESSING STUDENT RESPONSE DATA IN PROGRAMED INSTRUC-

TION. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 7.
NDEA-7A-806 ED 020 674

STROUD, MICHAEL
LIMITATIONS OF BRIEF INTELLIGENCE TESTING WITH YOUNG CHILDREN,THE
OEO-510 ED 020 774

SUPPES, PATRICK
LINEAR STRUCTURAL MODELS FOR RESPONSE AND LATENCY PERFORMANCE IN ARITHMETIC. PSYCHOLOGY SERIES, TECHNICAL REPORT NO. 100.
ED 020 683

SOME QUANTITATIVE STUDIES OF RUSSIAN CONSONANT PHONEME DISCRIMINATION. PSYCHOLOGY SERIES.
NDEA-6-92 ED 020 496

SUTTON, MACK C.
BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, ASSIGNMENTS.
ED 021 027

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, INSTRUCTOR'S GUIDE.
ED 021 028

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, INSTRUCTOR'S GUIDE.
ED 021 022

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. BASIC CONTROL FUNCTIONS, UNIT 9A.
ED 021 023

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS. UNIT 9 B, ASSIGNMENTS.
ED 021 024

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9B, INSTRUCTOR'S GUIDE.
ED 021 025

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, ASSIGNMENTS.
ED 021 029

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, INSTRUCTOR'S GUIDE.
ED 021 030

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, ASSIGNMENTS.
ED 021 031

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, INSTRUCTOR'S GUIDE.
ED 021 032

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, ASSIGNMENTS.
ED 021 033

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, ASSIGNMENTS.
ED 021 034

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, INSTRUCTOR'S GUIDE.
ED 021 035

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, ASSIGNMENTS.
ED 021 036

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, INSTRUCTOR'S GUIDE.
ED 021 037

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, ASSIGNMENTS.
ED 021 038

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, INSTRUCTOR'S GUIDE.
ED 021 039

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, COMPUTERIZED CONTROL SERIES. LOGICAL FUNDAMENTALS OF DIGITAL COMPUTERS. UNIT 10A.
ED 021 065

SZUREK, S.A., ED.
TRAINING IN THERAPEUTIC WORK WITH CHILDREN. CLINICAL APPROACHES TO PROBLEMS OF CHILDHOOD, VOLUME 2. LANGLEY PORTER CHILD PSYCHIATRY SERIES.
ED 020 598

TALMAGE, HARRIET
EXPERIMENTAL STUDY IN CURRICULUM ENGINEERING,AN
ED 020 581

TAYLOR, CALVIN W.
EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES.
ED 020 544

TAYLOR, LEE
RURAL LIFE AND URBANIZED SOCIETY.
ED 020 852

TAYLOR, RONALD G.
INTEREST AND INTELLECTUAL INDICES RELATED TO SUCCESSFUL AND NON-SUCCESSFUL MALE COLLEGE STUDENTS IN TECHNICAL AND ASSOCIATE DEGREE PROGRAMS. FINAL REPORT.
BR-5-0116 ED 021 127

THOMAS, GEORGE ISAIAH
EXTENDED SCHOOL YEAR DESIGNS--AN INTRODUCTION TO NEW PLANS OF SCHOOL ORGANIZATION WHICH CAN RESULT IN FINANCIAL ECONOMIES AND PROVIDE MORE EDUCATION FOR ALL PUPILS.
ED 020 587

THOMSON, JACK
PROPERTY APPRAISAL PROVIDES CONTROL, INSURANCE BASIS, AND VALUE ESTIMATE.
ED 020 711

THORNDIKE, ROBERT L.
HEAD START EVALUATION AND RESEARCH CENTER, TEACHERS COLLEGE, COLUMBIA UNIVERSITY. ANNUAL REPORT (1ST), SEPTEMBER 1966-AUGUST 1967. (TITLE SUPPLIED).
ED 020 781

THORNTON, SAM M.
SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, SUMMER 1967. PHASE THREE FINAL REPORT.
ED 020 779

SEMO PROJECT HEAD START, PSYCHOLOGICAL SERVICES REPORT, 1966-67 YEAR PROGRAM.
ED 020 780

TRELOAR, WILLIAM PURDY
STUDY OF SELECTED FACTORS INHIBITING THE DEVELOPMENT OF ADULT EDUCATION IN THE STATE OF MICHIGAN, 1957-58,A
ED 020 477

TRIEZENBERG, HENRY J.
TESTING FOR CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 906

USE OF AN ADVANCE ORGANIZER IN TEACHING SELECTED CONCEPTS OF ECOLOGICAL SYSTEMS,THE
BR-5-0216 ED 020 909

TRIMPE, ADRIAN
FACILITIES AND EQUIPMENT FOR DISTRIBUTIVE EDUCATION PROGRAMS.
ED 020 647

TRUAX, CHARLES B.
TOWARD A TENTATIVE MEASUREMENT OF THE CENTRAL THERAPEUTIC INGREDIENTS.
ED 020 532

UPSHUR, J.A.
CROSS-CULTURAL TESTING--WHAT TO TEST.
ED 020 696

UTTERBACK, WILLIAM E.
GROUP THINKING AND CONFERENCE LEADERSHIP. REVISED EDITION.
ED 020 460

UXER, JOHN ELMO
OPERATIONS RESEARCH MODEL FOR LOCATING AREA VOCATIONAL SCHOOLS,AN
ED 021 052

VAIZEY, J.
STUDY OF FEASIBILITY OF NEW EDUCATIONAL MEDIA FOR DEVELOPING COUNTRIES.
ED 020 685

VALDMAN, ALBERT
HOW DO WE BREAK THE LOCKSTEP. VARIATIONS IN CLASS SIZE AS APPLIED TO LANGUAGE TEACHING.
ED 020 690

VALENTINE, I.E.
NATIONAL PROGRAM DEVELOPMENT INSTITUTES IN TECHNICAL EDUCATION, SUMMER 1967, A COMPILATION OF SELECTED PRESENTATIONS AND INSTRUCTIONAL MATERIALS. LEADERSHIP 16.
ED 021 069

VALETT, ROBERT E.
REMEDIATION OF LEARNING DISABILITIES, A HANDBOOK OF PSYCHOEDUCATIONAL RESOURCE PROGRAMS,THE
ED 020 601

VAN HORN, CHARLES
INVESTIGATION OF THE APPLICABILITY OF MOTION PICTURES TO EDUCATIONAL TESTING. FINAL REPORT,AN
BR-5-0713 ED 020 654

VICK, FRANCES C.
STUDY OF THE PROGRESS OF FRESHMAN ENGLISH STUDENTS AT WINGATE COLLEGE.
ED 020 714

VIDICH, ARTHUR J.
SMALL TOWN IN MASS SOCIETY--CLASS, POWER, AND RELIGION IN A RURAL COMMUNITY.
ED 020 842

VOELKER, ALAN M.
RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION IN TEACHING THE CLASSIFICATIONAL CONCEPTS OF

PHYSICAL AND CHEMICAL CHANGE TO ELEMENTARY SCHOOL CHILDREN,THE
BR-5-0216 ED 020 908

VOGEL, ANITA S.
YOUTH IN NEW YORK CITY--OUT-OF-SCHOOL AND OUT-OF-WORK, A STUDY OF EMPLOYMENT AND EDUCATION OF TEENAGERS AND YOUNG ADULTS. REPORT.
ED 020 956

VON RAFFLER ENGEL, WALBURGA
INSUFFICIENCY OF THE TRANSFORMATIONAL APPROACH TO CHILD LANGUAGE,THE
ED 020 509

WADE, WARREN L.
TV EQUIPMENT, SYSTEMS, FACILITIES, AND PERSONNEL--A GUIDE FOR SCHOOL ADMINISTRATORS, A STUDY PREPARED FOR THE CALIFORNIA PUBLIC SCHOOLS INSTRUCTIONAL TV COMMITTEE.
ED 020 670

WALKER, RALPH H.
TEACHING THE PRESENT PERFECT TENSES.
ED 020 500

WALLACE, KARL R.
FIELD OF SPEECH, ITS PURPOSES AND SCOPE IN EDUCATION,THE
ED 020 927

GOALS, CONCEPTS, AND THE TEACHER OF SPEECH.
ED 020 925

WALLER, DAVID A.
FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART,A
OEO-510 ED 020 786

WARD, ROBERT
INTERACTION ANALYSIS OF MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS TO COLLEGE ORIENTATION.
ED 020 537

WARREN, MORRISON F.
HOW PARENTS VIEW URBAN EDUCATION.
ED 020 964

WEBER, GEORGE
TWO VIEWS CONCERNING ABILITY GROUPING.
ED 020 983

WEICHINGER, THEODORE JR.
DETERMINATION OF SUITABLE LABORATORY EXPERIENCES FOR A PHYSICAL SCIENCE COURSE FOR PROSPECTIVE ELEMENTARY SCHOOL TEACHERS,THE
ED 020 899

WEINBERG, CARL
CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.
BR-5-0340 ED 020 574

WEINBERG, MEYER
ISSUES IN AMERICAN EDUCATION.
ED 020 965

WEINSTEIN, GERALD
INTEGRATION, MANDATE FOR EDUCATIONAL CHANGE.
ED 021 001

WEIR, WILLIAM R.
NEEDS OF STUDENTS WITH AN ALCOHOL PROBLEM IN THEIR FAMILY.
ED 020 538

WEY, HERBERT W.
DESEGREGATION AND INTEGRATION.
ED 021 012

WHEATER, JUDITH
BORN FOR JOY, A UNIQUE SUMMER PROGRAM FOR DISADVANTAGED CHILDREN DURING JULY, 1966.
ED 020 821

WHIPPLE, GERTRUDE
UPGRADING ELEMENTARY READING PROGRAMS.
ED 020 880

WIDDALL, KENNETH R.
SELECTED REFERENCES FOR PLANNING HIGHER EDUCATION FACILITIES.
ED 020 633

WILLOWER, DONALD J.
SCHOOLS AS ORGANIZATIONS--SOME ILLUSTRATED STRATEGIES FOR EDUCATIONAL RESEARCH AND PRACTICE.
ED 020 565

TEACHER SUBCULTURE AND CURRICULUM CHANGE,THE
ED 020 588

WILSON, PHYLLIS J.
CURRICULUM ENRICHMENT OUTDOORS.
ED 020 850

WINTROB, RONALD M.
RAPID SOCIO-CULTURAL CHANGE AND STUDENT MENTAL HEALTH--A CROSS-CULTURAL COMPARISON.
ED 020 541

WISNIEWSKI, RICHARD
SURVEY OF AMERICAN HISTORY INSTRUCTION FOR DISADVANTAGED YOUTH IN THE DETROIT PUBLIC SCHOOLS,A
ED 020 973

WOLCOTT, HARRY F.
KWAKIUTL VILLAGE AND SCHOOL.
ED 020 820

WOLF, MONTROSE M.
ENTRY INTO NATURAL COMMUNITIES OF REINFORCEMENT,THE
ED 020 533

WOLMAN, T.G.
LEARNING EFFECTS OF INTEGRATION IN NEW ROCHELLE.
ED 021 000

WRENN, JAMES J.
CHINESE LANGUAGE TEACHING IN THE UNITED STATES--THE STATE OF THE ART.
ED 020 525

WRIGHT, LUCILLE E.
SERVICE EDUCATION OF OFFICE OCCUPATIONS TEACHER-COORDINATORS. FINAL REPORT,IN-
BR-7-0542 ED 021 137

WRIGHTSMAN, LAWRENCE
CONSTRUCTION AND VALIDATION OF A SCALE TO MEASURE CHILDREN'S SCHOOL MORALE,THE
ED 020 528

WYKES, MURRAY L.
BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, ASSIGNMENTS.
ED 021 027

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, INSTRUCTOR'S GUIDE.
ED 021 028

YAZZIE, ALLEN D.
YAZZIE REPORTS ON EDUCATION ACTIVITIES.
ED 020 825

YEATER, L.W.
FIELD EXPERIENCE--A WHY, A HOW,A
DPSC-67-4274 ED 020 830

YEOMANS, EDWARD
EDUCATION FOR INITIATIVE AND RESPONSIBILITY, COMMENTS ON A VISIT TO THE SCHOOLS OF LEICESTERSHIRE COUNTY, APRIL 1967. SECOND EDITION.
ED 020 795

YINGLING, KARL W.
FINANCIAL PHASE OF LONG RANGE PLANNING FOR PUBLIC SCHOOLS--PRESENTING A METHOD FOR PROJECTION,THE
DPSC-67-2938 ED 020 563

YOUNG, ELMA L.
SURVEY OF LIBRARY PERSONNEL IN SIERRA COLLEGE EMPLOYMENT AREA.
ED 020 716

YOUNG, ELMA L. CLARK
LIBRARY TECHNICIAN PROGRAMS IN JUNIOR COLLEGES--COURSES OFFERED IN 1966-67 CATALOGS.
ED 020 730

ZACK, ARNOLD
LABOR TRAINING IN DEVELOPING COUNTRIES, A CHALLENGE IN RESPONSIBLE DEMOCRACY.
ED 020 454

ZIGLER, EDWARD
COGNITIVE PROCESSES IN THE DEVELOPMENT OF CHILDREN'S APPRECIATION OF HUMOR.
ED 020 784

OVERVIEW OF RESEARCH IN LEARNING, MOTIVATION, AND PERCEPTION,AN
ED 020 799

ZOLDAK, HELEN LOUISE
PREPARATION OF UNIFORM TYPEWRITTEN REPORTS--A MANUAL OF STYLE FOR CUYAHOGA COMMUNITY COLLEGE.
ED 020 745

institution index

This index lists the titles of documents under the institution responsible for them. The index is arranged in alphabetical sequence by the name of the university, agency, association, etc. As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the document can be found under that number in the résumé section.

WISCONSIN UNIV., MADISON

SEMINAR ON THE ECONOMICS OF EDUCATION--INVESTMENT DECISIONS AND CONTRIBUTIONS TO INCOME AND ECONOMIC GROWTH. FINAL REPORT.
BR-6-8224 ED 014 154

Accession Number

INSTITUTION INDEX

ADVISORY COUNCIL ON COLL. CHEMISTRY
SELECTED PAPERS FROM REGIONAL CONFERENCES 1966-67.
AC3-PUB-NO-35 ED 020 915

AIR FORCE OFFICE OF SCIENTIFIC RES., ARLINGTON,VA.
EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES.
ED 020 544

AMERICAN ASSN. COLL. REGIST./ADMISSIONS OFFICERS
ATHENS, OHIO (FULL NAME - AMERICAN ASSN. OF COLLEGIATE REGISTRARS AND ADMISSIONS OFFICERS)
MANUAL FOR STUDIES OF SPACE UTILIZATION IN COLLEGES AND UNIVERSITIES.
ED 020 617

AMERICAN ASSN. OF JUNIOR COLLEGES, WASHINGTON,D.C.
CIVIL ENGINEERING TECHNOLOGY CONSULTANTS' WORKSHOP, REPORT OF PROCEEDINGS (ATLANTA, MAY 17-20, 1967).
ED 020 729

AMERICAN BOOK PUBLISHERS COUNCIL INC.,NEW YORK,N.Y
BUCK HILL FALLS REPORT, THE CHANGING NATURE AND SCOPE OF THE SCHOOL AND LIBRARY MARKET. ARE NEW MARKETING TECHNIQUES NEEDED. A CONFERENCE SPONSORED BY THE SCHOOL AND LIBRARY PROMOTION AND MARKETING COMMITTEE (BUCK HILL FALLS, APRIL 27-29,1966).,THE
ED 020 747

AMERICAN EDUCATIONAL RESEARCH ASSN., WASH., D.C.
DIMENSIONS OF PROBLEM BEHAVIOR IN THE ELEMENTARY SCHOOL.
ED 020 558

AMERICAN FALLS SCHOOL DISTRICT NO. 381, IDAHO
PROGRAM OF OUTDOOR EDUCATION FOR SOUTHERN IDAHO, CURRICULUM GUIDE.
ED 020 847

AMERICAN FOUNDATION FOR THE BLIND, NEW YORK, N.Y.
RESEARCH BULLETIN. NUMBER 14.
ED 020 592

RESEARCH BULLETIN. NUMBER 4.
ED 020 612

RESEARCH BULLETIN. NUMBER 12.
ED 020 613

RESEARCH BULLETIN. NUMBER 2.
ED 020 614

RESEARCH BULLETIN. NUMBER 3.
ED 020 615

RESEARCH BULLETIN. NUMBER 11.
ED 020 616

AMERICAN HOME ECONOMICS ASSN., WASHINGTON, D.C.
HOME ECONOMICS RESEARCH ABSTRACTS--1966. HOME ECONOMICS EDUCATION.
ED 021 058

AMERICAN INST. FOR RESEARCH IN BEHAVIORAL SCIENCES
PALO ALTO, CALIF.
TRIAL AND TESTING OF AN EXPERIMENTAL GUIDANCE CURRICULUM. FINAL REPORT.
BR-7-8091 ED 020 554

AMERICAN INST. FOR RESEARCH IN BEHAVIORAL SCIENCES
PITTSBURGH, PA.
HANDBOOK OF INFORMATION SOURCES IN EDUCATION AND THE BEHAVIORAL SCIENCES.
BR-7-1038 ED 020 447

AMERICAN INSTITUTE OF ARCHITECTS, WASHINGTON, D.C.
AIA SCHOOL PLANT STUDIES. A SELECTION 1952-1962.
ED 020 638

AMERICAN INST. OF PHYSICS, NEW YORK, N.Y.
COMPUTER-AIDED INDEXING OF A SCIENTIFIC ABSTRACTS JOURNAL BY THE UDC WITH UNIDEK--A CASE STUDY.
AIP/UDC-4 ED 020 749

DEVELOPMENT OF MULTI-COORDINATE VOCABULARY, PLASMA PHYSICS.
ED 020 903

DEVELOPMENT OF A MULTI-COORDINATE VOCABULARY, CHEMICAL PHYSICS.
ED 020 904

AMERICAN NURSES' ASSN., NEW YORK, N.Y.
EDUCATIONAL PREPARATION FOR NURSE PRACTITIONERS AND ASSISTANTS TO NURSES, A POSITION PAPER.
ED 021 059

AMERICAN ORTHOPSYCHIATRIC ASSN., NEW YORK, N.Y.
FAMILY LIFE CYCLE--PERSPECTIVES DRAWN FROM FAMILY THERAPY, PRESCHOOL THROUGH ADOLESCENCE.,THE
ED 020 536

IMPORTANCE OF MAINTAINING LONG-TERM TREATMENT SERVICES FOR THE ECONOMICALLY DEPRIVED FAMILY.,THE
ED 020 542

MODELS FOR THE APPLICATION OF SYSTEMS ANALYSIS TO THE DELIVERY OF MENTAL HEALTH SERVICES.
ED 020 539

RAPID SOCIO-CULTURAL CHANGE AND STUDENT MENTAL HEALTH--A CROSS-CULTURAL COMPARISON.
ED 020 541

STRUCTURED FAMILY INTERVIEW IN THE ASSESSMENT OF SCHOOL LEARNING DISORDERS.,A
ED 020 534

AMERICAN PERSONNEL AND GUIDANCE ASSN., WASH., D.C.
NEEDS OF STUDENTS WITH AN ALCOHOL PROBLEM IN THEIR FAMILY.
ED 020 538

NEW FACTOR ANALYSIS OF THE SVIB--SUGGESTED MODIFICATION OF EXISTING GROUPS AND IMPLICATIONS FOR COUNSELING.,A
ED 020 548

AMERICAN PSYCHOLOGICAL ASSN., WASHINGTON, D.C.
ENTRY INTO NATURAL COMMUNITIES OF REINFORCEMENT.,THE
ED 020 533

INFORMATION EXCHANGE AT THE AMERICAN PSYCHOLOGICAL ASSOCIATION ANNUAL CONVENTION AND THE FUNCTION OF THE CONVENTION PROCEEDINGS IN SUCH EXCHANGE. APA-PSIEP REPORT NO. 18.
ED 020 753

INFORMATION EXCHANGE ACTIVITIES INVOLVED IN PSYCHOLOGICAL WORK. APA-PSIEP REPORT NO. 19.
ED 020 754

INNOVATIONS IN SCIENTIFIC COMMUNICATION IN PSYCHOLOGY. APA-PSIEP REPORT NO. 16.
ED 020 751

SCIENTIFIC COMMUNICATION AT THE XVII INTERNATIONAL CONGRESS OF PSYCHOLOGY, MOSCOW, 1966 AND SOME IMPLICATIONS FOR THE DESIGN AND OPERATION OF INTERNATIONAL MEETINGS. APA-PSIEP REPORT NO. 29.
ED 020 755

USE OF SCIENTIFIC INFORMATION IN THE UNDERGRADUATE TEACHING OF PSYCHOLOGY. APA-PSIEP REPORT NO. 17.,THE
ED 020 752

AMERICAN SEATING CO., GRAND RAPIDS, MICH.
CO-ORDINATED CLASSROOM.,THE
ED 020 621

AMERICAN SPEECH AND HEARING ASSN., WASHINGTON,D.C.
INSTITUTE ON THE UTILIZATION OF SUPPORTIVE PERSONNEL IN SCHOOL SPEECH AND HEARING PROGRAMS (WASHINGTON, D.C., SEPTEMBER 6-8, 1967).
BR-6-1784 ED 020 609

ANTIOCH COLL., YELLOW SPRINGS, OHIO
EFFECTS OF NATIONAL SCIENTIFIC STYLE ON THE UNDERSTANDING OF SCIENTIFIC INNOVATION--SPECIAL RELATIVITY, A CASE HISTORY. FINAL REPORT.,THE
BR-5-8280 ED 020 918

IMPACT OF OPERATION HEAD START ON GREENE COUNTY, OHIO, AN EVALUATION REPORT.,THE
OEO-572 ED 020 772

ARIZONA ASSN. OF FUTURE HOMEMAKERS OF AMERICA
PHOENIX
TEACHING-LEARNING UNITS IN CLOTHING AND TEXTILES.
ED 021 053

ARIZONA STATE DEPT. OF VOCATIONAL EDUC., PHOENIX
TEACHING-LEARNING UNITS IN CLOTHING AND TEXTILES.
ED 021 053

ARIZONA STATE UNIV., TEMPE
DEVELOPMENT AND IMPROVEMENT OF A PROGRAMED LEARNING SEQUENCE FOR USE IN CONSTRUCTING A TEACHING UNIT. FINAL REPORT.,THE
BR-6-8356 ED 020 679

ARIZONA STATE UNIV., TEMPE, BUR.EDUC.RES.AND SVCS.
SCHOOL PERSONNEL ADMINISTRATOR.,THE
R-SERVICE-BULL-24 ED 020 562

ARKANSAS EDUCATION ASSOCIATION, LITTLE ROCK
EDUCATIONAL TELEVISION IN THE SMALL SCHOOL.
ED 020 822

ARKANSAS STATE COMM. ON COORD. OF HIGH. ED.FINANCE

LITTLE ROCK (FULL NAME - ARKANSAS STATE COMMISSION ON COORDINATION OF HIGHER EDUCATIONAL FINANCE.)
SPACE INVENTORY AND UTILIZATION MANUAL FOR THE COMPREHENSIVE FACILITIES PLANNING STUDY.
ED 020 626

ARKANSAS STATE REHABILITATION RES. AND TRAING.CTR.
FAYETTEVILLE
TOWARD A TENTATIVE MEASUREMENT OF THE CENTRAL THERAPEUTIC INGREDIENTS.
ED 020 532

ARKANSAS UNIV., FAYETTEVILLE
TOWARD A TENTATIVE MEASUREMENT OF THE CENTRAL THERAPEUTIC INGREDIENTS.
ED 020 532

ASSOCIATION FOR SUPERVISION AND CURRICULUM DEV.
WASHINGTON, D.C.
IMPROVING LANGUAGE ARTS INSTRUCTION THROUGH RESEARCH.
ED 020 871

ASSOCIATION OF SCHOOL BUSINESS OFFICIALS, CHICAGO
DESIGN AND CONSTRUCTION OF SCHOOL BUILDINGS. PROCEEDINGS, ASSOCIATION OF SCHOOL BUSINESS OFFICIALS OF THE UNITED STATES AND CANADA, ANNUAL MEETING AND EDUCATIONAL EXHIBIT, (50TH SAN FRANCISCO, CALIFORNIA, OCTOBER 71-22, 1964).
ED 020 624

ASSOCIATION OF UNIVERSITY EVENING COLLEGES
NORMAN, OKLA.
REALITY AND THE AUEC.
ED 020 463

ATOMIC ENERGY COMMISSION, OAK RIDGE, TENN.
DIVISION OF NUCLEAR EDUCATION AND TRAINING
INDUSTRIAL RADIOGRAPHY INSTRUCTOR'S GUIDE.
ED 020 901

INDUSTRIAL RADIOGRAPHY STUDENT GUIDE AND LABORATORY EXERCISES.
ED 020 902

BATTELLE MEMORIAL INST., COLUMBUS, OHIO
COLUMBUS LABORATORIES
SCIENCE POLICY BULLETIN NUMBER 5.
ED 020 914

BERGEN COUNTY CENTER FOR NON-WESTERN STUDIES
ORADELL, N.J.
TEACHING STRATEGIES FOR MIDDLE EASTERN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 935

TEACHING STRATEGIES FOR ASIAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 936

TEACHING STRATEGIES FOR AFRICAN CULTURAL STUDIES IN THE SENIOR HIGH SCHOOL.
ED 020 938

BEXAR COUNTY COMMUNITY GUIDANCE CENTER
SAN ANTONIO, TEX.
SYSTEMS" APPROACH TO THE "SCHOOL UNDERACHIEVER.",A "
ED 020 545

BNAI BRITH, NEW YORK, N.Y., ANTI-DEFAMATION LEAGUE
LAW, VOL. 1, NO. 1, JANUARY, 1966.
ED 021 002

BOARD OF COOPERATIVE EDUCATIONAL SERVICES
LYONS FALLS, N.Y.
BORN FOR JOY, A UNIQUE SUMMER PROGRAM FOR DISADVANTAGED CHILDREN DURING JULY, 1966.
ED 020 821

BOLT BERANEK AND NEWMAN INC., CAMBRIDGE, MASS.
AIR DISTRIBUTION NOISE CONTROL IN CRITICAL AUDITORIUMS.
ED 020 645

BRANDEIS UNIV., WALTHAM, MASS., FLORENCE HELLER GR
(FULL NAME - FLORENCE HELLER GRADUATE SCHOOL FOR ADVANCES STUDIES IN SOCIAL WELFARE.)
COST ANALYSIS IN DAY CARE CENTERS FOR CHILDREN. FINAL REPORT TO U.S. CHILDREN'S BUREAU.
ED 020 559

BRIGHT AND STRAUGHN ARCHITECTS, LAKELAND, FLA.
COMPREHENSIVE STUDY FOR THE MASTER DEVELOPMENT PLAN, POLK JUNIOR COLLEGE, WINTER HAVEN, FLORIDA.,A
ED 020 635

BRITISH DEPARTMENT OF EDUCATION AND SCIENCE
LONDON (ENGLAND)
FURTHER EDUCATION OF THE GENERAL STUDENT, A REPORT ON COURSES IN COLLEGES OF FURTHER EDUCATION FOR YOUNG PEOPLE WHO NEED NO VOCATIONAL QUALIFICATION.,THE
ED 020 468

BUTLER COUNTY SCHOOL BOARD, PA.
FINANCIAL PHASE OF LONG RANGE PLANNING FOR PUBLIC SCHOOLS--PRESENTING A METHOD FOR PROJECTION.,THE
DPSC-67-2938 ED 020 563

CALIFORNIA ADVISORY COUNCIL ON EDUCATIONAL RES.
BURLINGAME
EXPERIMENTAL RESEARCH IN EDUCATIONAL TELEVISION. RESEARCH RESUME NUMBER 37.
CTA-CACER-RR-37 ED 020 681

CALIFORNIA ASSN. OF SCHOOL LIBRARIANS, LOS ANGELES
JUNIOR COLLEGE SECTION
LIBRARY TECHNICIAN PROGRAMS IN JUNIOR COLLEGES--COURSES OFFERED IN 1966-67 CATALOGS.
ED 020 730

CALIFORNIA COUNSELING AND GUIDANCE ASSN.
LOS ANGELES
COUNSELOR AND RESEARCH.,THE
ED 020 556

CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO
ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH SIX, SAN YSIDRO, CALIFORNIA.
DE7-150-4-68-1M ED 020 845

ASSESSMENT OF RURAL MEXICAN-AMERICAN PUPILS, PRESCHOOL AND GRADES ONE THROUGH TWELVE, WASCO, CALIFORNIA.
DE7-151-4-68-1M ED 020 846

CALIFORNIA PLAN FOR THE EDUCATION OF MIGRANT CHILDREN. ANNUAL EVALUATION REPORT, FISCAL YEAR ENDING JUNE 30, 1967.
ED 020 831

GUIDELINES FOR THE EDUCATION OF MIGRANT CHILDREN AS AUTHORIZED UNDER PUBLIC LAW 89-750, TITLE I, ELEMENTARY AND SECONDARY EDUCATION ACT OF 1965.
ED 020 851

HIGH SCHOOL STUDENTS WHO LATER BECAME SCHIZOPHRENIC.
CSDE-BULL-29-8 ED 020 596

ILLUSTRATIVE LESSON MATERIALS. A SUPPLEMENT TO SCIENCE FRAMEWORK FOR CALIFORNIA PUBLIC SCHOOLS, PRELIMINARY.
ED 020 900

NUEVAS VISTAS (NEW VIEWS), A REPORT OF THE ANNUAL CONFERENCE OF THE CALIFORNIA STATE DEPARTMENT OF EDUCATION (1ST, LOS ANGELES, APRIL 13-14, 1967).
75205-1810-300-4-68-2M ED 020 844

CALIFORNIA STATE DEPT. OF PUBLIC HEALTH, BERKELEY
CHILD REARING IN CALIFORNIA, A STUDY OF MOTHERS WITH YOUNG CHILDREN.
ED 020 783

CALIFORNIA UNIV., BERKELEY
DIFFERENT BUT EQUAL, A SPECIAL REPORT.
ED 020 984

ENGLISH NOUN INFLECTION AND RELATED MATTERS FROM A GENERATIVE SEMANTIC POINT OF VIEW.
POLA-2-6 ED 020 506

ENGLISH QUESTIONS.
POLA-2-6 ED 020 507

STUDY OF THE NEED FOR ADDITIONAL FACILITIES FOR THE EDUCATION OF LIBRARIANS IN THE UNIVERSITY OF CALIFORNIA.,A
ED 020 750

CALIFORNIA UNIV., BERKELEY, LANG.-BEHAV. RES. LAB.
LANGUAGE, COMMUNICATION AND CONTROL IN NORTH INDIA. WORKING PAPER NUMBER 7.
ED 020 495

CALIFORNIA UNIV., LOS ANGELES
CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.
BR-5-0340 ED 020 574

HEAD START RESEARCH AND EVALUATION OFFICE, UNIVERSITY OF CALIFORNIA AT LOS ANGELES. APPENDIX I TO THE ANNUAL REPORT, NOVEMBER 1967.
IED-1-66-12 ED 020 793

RATIONALE FOR LIBERAL ADULT EDUCATION IN A FREE SOCIETY, A SURVEY, ANALYSIS AND CRITIQUE OF THE LITERATURE FROM 1919 TO 1961.,THE
ED 020 475

STUDY OF THE EXPENSE OF STUDENT PERSONNEL SERVICES IN SELECTED CALIFORNIA PUBLIC JUNIOR COLLEGES.,A
ED 020 737

SURVEY OF "SPECIAL" EDUCATIONAL PROGRAMS FOR ADULT WOMEN IN UNIVERSITY EXTENSION DIVISIONS AND EVENING COLLEGES.,A
ED 020 459

CALIFORNIA UNIV., LOS ANGELES
DIV. OF VOCATIONAL EDUCATION

TECHNICAL EDUCATION IN THE JUNIOR COLLEGE, EDUCATION 261E SEMINAR– A STUDY OF TECHNICAL EDUCATION IN THE NORTH ORANGE COUNTY JUNIOR COLLEGE DISTRICT.
ED 020 738

CALIFORNIA UNIV., SANTA BARBARA
INTERACTION ANALYSIS OF MEXICAN-AMERICAN AND NEGRO HIGH SCHOOL STUDENTS TO COLLEGE ORIENTATION.
ED 020 537

CANADIAN HOUSE OF COMMONS, OTTAWA (ONTARIO)
STANDING COMMITTEE ON BROADCASTING, FILMS AND ASSISTANCE TO THE ARTS
ELEVENTH REPORT OF THE STANDING COMMITTEE ON BROADCASTING, FILMS AND ASSISTANCE TO THE ARTS.
R-11 ED 020 458

CASE WESTERN RESERVE UNIV., CLEVELAND, OHIO
TEACHER ASSISTANT TRAINING PROGRAM, DESCRIPTION OF PROGRAM AND RESULTS AND CURRICULUM GUIDE. FINAL REPORT.
ED 020 462

CENTER FOR APPLIED LINGUISTICS, WASHINGTON, D.C.
SURVEY OF MATERIALS IN THE NEGLECTED LANGUAGES, PART I (PRELIMINARY EDITION).
BR-7-0929 ED 020 510

CENTER FOR APPLIED LINGUISTICS, WASHINGTON, D.C.
ERIC CLEARINGHOUSE FOR LINGUISTICS
CHINESE LANGUAGE TEACHING IN THE UNITED STATES–THE STATE OF THE ART.
ED 020 525

CENTER FOR THE STUDY OF LIBERAL EDUC. FOR ADULTS
BROOKLINE, MASS. (BOSTON UNIV.,MASS.,CTR.FOR THE STUDY OF LIB.ED.)
(INCORPORATED NON PROFIT RESEARCH ORGANIZATION AFFILIATED WITH BOSTON UNIV.)
EXETER PAPERS, REPORT OF THE FIRST INTERNATIONAL CONFERENCE ON THE COMPARATIVE STUDY OF ADULT EDUCATION.,THE
ED 020 487

CENTER FOR URBAN EDUCATION, NEW YORK, N.Y.
HOBSON V. HANSEN–WHAT IS LAW FOR.
ED 020 978

CENTRAL MICHIGAN EDUCATIONAL RESOURCES COUNCIL
MOUNT PLEASANT, MICH.
REPORT TO THE CENTRAL MICHIGAN EDUCATIONAL RESOURCES COUNCIL ON THE FEASIBILITY OF AN INTERCONNECTED TELECOMMUNICATION SYSTEM FOR THE 39 COUNTY REGION OF MICHIGAN.
BR-5-1139 ED 020 662

CHILD STUDY ASSN. OF AMERICA INC., NEW YORK, N.Y.
RECRUITING LOW-INCOME FAMILIES FOR FAMILY LIFE EDUCATION PROGRAMS, FOUR REPORTS.
ED 020 996

CINCINNATI UNIV., OHIO
CINCINNATI POLICE-JUVENILE ATTITUDE PROJECT, POLICE-TEACHER CURRICULUM DEVELOPMENT FOR IMPROVING POLICE JUVENILE RELATIONS. FINAL REPORT.,THE
ED 020 469

CITIZENS COMMITTEE ON HIGHER EDUC.,KALAMAZOO,MICH.
REPORT OF STUDY COMMITTEE I-C, AREA POSTSECONDARY INSTITUTIONS– COMMUNITY COLLEGES.
ED 020 731

CITY UNIV. OF NEW YORK,BOR. OF MANHATTAN COMM.COLL
(FULL NAME - BOROUGH OF MANHATTAN COMMUNITY COLL.)
CORRELATIONS BETWEEN HIGH SCHOOL AVERAGES AND SAT SCORES AND FINAL SCHOLASTIC INDEXES–BMCC GRADUATES, JUNE 1966 THROUGH AUGUST 1967.
ED 020 734

CITY UNIV. OF NEW YORK, DIV. OF TEACHER EDUCATION
GRADE EQUIVALENT COMPARISONS BETWEEN DISADVANTAGED NEGRO URBAN CHILDREN WITH AND WITHOUT KINDERGARTEN EXPERIENCE WHEN TAUGHT TO READ BY SEVERAL METHODS.
ED 020 798

CITY UNIV. OF NEW YORK, HUNTER COLL.
DEVELOPING ORIGINAL MATERIALS IN READING (A GUIDE FOR TEACHERS).
BR-5-0687 ED 020 445

CLARK COLL., ATLANTA, GA.
INSTITUTE FOR EFFECTIVE SERVICE AND LEADERSHIP IN DESEGREGATED SCHOOLS.
ED 020 557

CLARKSON COLL. OF TECHNOLOGY, POTSDAM, N.Y.
COLLECTION AND STATISTICAL EVALUATION OF QUANTITATIVE DATA FOR HAND-EYE COORDINATION WITH RESPECT TO DETERMINING ITS CORRELATION WITH READING DISABILITY AT BOTH THE PRIMARY AND SECONDARY SCHOOL LEVELS. FINAL REPORT.,THE
BR-6-8324 ED 020 861

COLORADO STATE COLLEGE, GREELEY
DETERMINATION OF SUITABLE LABORATORY EXPERIENCES FOR A PHYSICAL SCIENCE COURSE FOR PROSPECTIVE ELEMENTARY SCHOOL TEACHERS.,THE
ED 020 899

COLORADO UNIV., BOULDER, ELEM.SCI. ADVISORY CENTER
SCIENCE EQUIPMENT IN THE ELEMENTARY SCHOOL.
ED 020 884

COLUMBIA UNIV., NEW YORK
CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.
ED 020 574

VOLUNTEER AND STAFF PARTICIPATION IN A VOLUNTARY SOCIAL WELFARE ASSOCIATION IN THE UNITED STATES, A STUDY OF THE NATIONAL YOUNG WOMEN'S CHRISTIAN ASSOCIATION.
ED 020 480

COLUMBIA UNIV., NEW YORK, TEACHERS COLLEGE
ANALYSIS OF THE RATIONALE AND PROCEDURES FOR LONG-RANGE PLANNING – FOUND IN SELECTED CORPORATE ENTERPRISES, GOVERNMENT AGENCIES OR DEPARTMENTS, AND SCHOOL SYSTEMS–WHICH ARE APPROPRIATE FOR EDUCATIONAL AND ADMINISTRATIVE PLANNING IN LOCAL SCHOOL SYSTEMS.,AN
BR-6-8317 ED 020 571

EXPLORATION OF THE UTILIZATION OF PERSONNEL IN THE SUPERVISION OF STUDENT TEACHERS WHEN FEEDBACK VIA FILMS AND SYSTEMS FOR THE ANALYSIS OF TEACHING ARE INTRODUCED INTO THE STUDENT TEACHING PROGRAM. FINAL REPORT.
BR-5-1079 ED 020 575

EXPLORATION OF THE USES OF RHYTHMIC MOVEMENT TO DEVELOP AESTHETIC CONCEPTS IN THE PRIMARY GRADES.,AN
CRP-S-416 ED 020 770

HEAD START EVALUATION AND RESEARCH CENTER, TEACHERS COLLEGE, COLUMBIA UNIVERSITY. ANNUAL REPORT (1ST), SEPTEMBER 1966-AUGUST 1967. (TITLE SUPPLIED).
ED 020 781

STUDY OF PRIVATE TWO-YEAR COLLEGE FUND RAISING PROGRAMS.,A
ED 020 722

COLUMBUS COLL., GA., OFFICE OF INSTITUTIONAL RES.
STUDENT IDENTIFICATION WITH COLUMBUS COLLEGE–A PILOT STUDY.
CC-RB-OIR-1-67 ED 020 735

COMMITTEE ON RES. AND DEVELOP. IN MODERN LANGUAGES
LONDON (ENGLAND)
NOTES ON CURRENT DEVELOPMENTS IN THE STUDY OF LANGUAGE IN CULTURE AND SOCIETY.
ED 020 502

COMMONWEALTH DEVELOPMENT ASSN., HARRISBURG, PA.
DATA PROCESSING CURRICULUM FOR EDUCATORS. FINAL REPORT.
BR-8-0449 ED 020 451

COMMUNITY ADVANCEMENT INC., EAST BATON ROUGE, LA.
EFFECTIVENESS OF THE HEAD START PROGRAM IN ENHANCING SCHOOL READINESS OF CULTURALLY DEPRIVED CHILDREN.
OEO-570 ED 020 771

CONCORDIA TEACHERS COLL., RIVER FOREST, ILL.
SOME EFFECTS OF DUAL ENROLLMENT UPON STUDENTS ENROLLED IN THE CHICAGO LUTHERAN SHARED TIME PROGRAM. FINAL REPORT.
BR-6-8444 ED 020 567

CONNECTICUT SCHOOL DEVELOP. COUNCIL INC., HARTFORD
TEACHER-BOARD AGREEMENTS CONCERNING CONDITIONS OF WORK.
R-BULL-29 ED 020 568

CORNELL UNIV., ITHACA, N.Y., DEPT.OF COMPUTER SCI.
INFORMATION STORAGE AND RETRIEVAL, REPORTS ON EVALUATION, CLUSTERING, AND FEEDBACK.
ISR-12 ED 020 748

CORNELL UNIV., ITHACA, N.Y., SCH. OF EDUCATION
FAMILY GOALS AND SOME FACTORS ASSOCIATED WITH THEIR ACCOMPLISHMENT.
ED 020 479

COUNCIL FOR EXCEPTIONAL CHILDREN, WASHINGTON, D.C.
EARLY SCHOOL ADMISSION FOR MENTALLY ADVANCED CHILDREN, A REVIEW OF RESEARCH AND PRACTICE.
ED 020 591

COUNCIL OF EDUC. FACILITY PLANNERS, COLUMBUS, OHIO

SELECTED REFERENCES FOR PLANNING HIGHER EDUCATION FACILITIES.
ED 020 633

COUNCIL OF EUROPE, STRASBOURG (AUSTRIA)
COUNCIL FOR CULTURAL COOP. (COUNCIL FOR CULTURAL COOP.)
USE OF CLOSED CIRCUIT TELEVISION IN TECHNICAL EDUCATION, REPORT OF THE EUROPEAN SEMINAR (SERAING, BELGIUM, APRIL 1965).,THE
ED 020 656

COUNCIL ON LIBRARY TECHNOLOGY
PROGRESS AND PROSPECT, A SUMMARY OF THE PROCEEDINGS OF THE SECOND ANNUAL CONFERENCE OF THE COUNCIL ON LIBRARY TECHNOLOGY (TOLEDO, MAY 23-25, 1968).
ED 020 769

CUYAHOGA COMMUNITY COLL., CLEVELAND, OHIO
EVENING CLASS SCHEDULES OF LARGE COLLEGES AND UNIVERSITIES.
ED 020 744

PARKING FACILITY PROJECTIONS BASED ON THE 1968 STUDENT PARKING SURVEY.
ED 020 743

PREPARATION OF UNIFORM TYPEWRITTEN REPORTS--A MANUAL OF STYLE FOR CUYAHOGA COMMUNITY COLLEGE.
ED 020 745

CUYAHOGA COUNTY WELFARE DEPT., CLEVELAND, OHIO
TEACHER ASSISTANT TRAINING PROGRAM, DESCRIPTION OF PROGRAM AND RESULTS AND CURRICULUM GUIDE. FINAL REPORT.
ED 020 462

DELAWARE UNIV., NEWARK
CONTEXTS OF TEACHER ALIENATION. FINAL REPORT.
ED 020 574

DENVER OPPORTUNITY, COLO.
MAKING WAVES, DENVER HEAD START.
ED 020 802

DEPARTMENT OF AUDIOVISUAL INSTRUCTION, WASH., D.C.
HIGHLIGHTS OF SCHOOLS USING EDUCATIONAL MEDIA.
ED 020 661

HOW DO WE BREAK THE LOCKSTEP. VARIATIONS IN CLASS SIZE AS APPLIED TO LANGUAGE TEACHING.
ED 020 690

LANGUAGE TEACHING AND AV--A SELECTIVE BIBLIOGRAPHY.
ED 020 692

NEW TESTS FOR A NEW ERA.
ED 020 691

REVISITED.,1959
ED 020 688

WHAT HAVE WE LEARNED ABOUT FLES.
ED 020 695

WHAT'S NEW IN TEACHER EDUCATION.
ED 020 689

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
WASHINGTON, D.C.
COWBOYS, INDIANS, AND AMERICAN EDUCATION.
ED 020 810

EVALUATION STUDY OF THE COLLEGE FACILITIES PROGRAM. FINAL REPORT.,AN
ED 020 627

EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT.,AN
ED 020 632

REPORT ON CONFERENCES ON SPECIAL EDUCATIONAL PROGRAMS FOR MIGRATORY CHILDREN OF MIGRATORY AGRICULTURAL WORKERS.
ED 020 808

TRAINING HEALTH SERVICE WORKERS--THE CRITICAL CHALLENGE, PROCEEDINGS OF THE CONFERENCE ON JOB DEVELOPMENT AND TRAINING FOR WORKERS IN HEALTH SERVICES (WASHINGTON, D.C., FEBRUARY 14-17, 1966).
ED 021 055

DEPARTMENT OF LABOR, WASHINGTON, D.C.
BARRIERS TO EMPLOYMENT OF THE DISADVANTAGED.
ED 021 143

BRIDGING THE GAP FROM SCHOOL TO WORK.
ED 021 144

GEOGRAPHIC FACTORS IN EMPLOYMENT AND MANPOWER DEVELOPMENT.
ED 021 145

NEW DEVELOPMENTS IN MANPOWER PROGRAMS.
ED 021 147

NEW PERSPECTIVES ON MANPOWER PROBLEMS AND MEASURES.
ED 021 142

REVIEW OF MANPOWER DEVELOPMENTS IN 1967.
ED 021 146

TRAINING HEALTH SERVICE WORKERS--THE CRITICAL CHALLENGE, PROCEEDINGS OF THE CONFERENCE ON JOB DEVELOPMENT AND TRAINING FOR WORKERS IN HEALTH SERVICES (WASHINGTON, D.C., FEBRUARY 14-17, 1966).
ED 021 055

DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C.
INDEX OF SELECTED OUTDOOR RECREATION LITERATURE.
ED 020 905

DETROIT PUBLIC SCHOOLS, MICH.
DEMONSTRATION STUDY TO DETERMINE THE EFFECT ON ACADEMIC PERFORMANCE OF GIVING HIGH SCHOOL TEACHERS BACKGROUND INFORMATION ON HIGH-POTENTIAL LOW-ACHIEVING STUDENTS.,A
ED 020 975

DEVEREUX FOUNDATION, DEVON, PA.
DEVEREUX READABILITY INDEX.
ED 020 593

DUKE UNIV., DURHAM, N.C., DEPT. OF EDUCATION
FUNDAMENTALS LEARNING LABORATORIES IN INDUSTRIAL EDUCATION CENTERS, TECHNICAL INSTITUTES AND COMMUNITY COLLEGES IN NORTH CAROLINA.
ED 020 727

EAST TENNESSEE STATE UNIV., JOHNSON CITY
INTERESTS IN MANAGEMENT CONFERENCES AT EAST TENNESSEE STATE UNIVERSITY AMONG BUSINESS OWNERS AND MANAGERS.,THE
ED 020 485

EDUCATIONAL AND CULTURAL CENTER, LIVERPOOL, N.Y.
NEED FOR AN ADULT BASIC EDUCATION CENTER. AN INTERIM REPORT TO THE ADVISORY COMMITTEE ON ADULT BASIC EDUCATION.,THE
ED 020 470

EDUCATIONAL PRODUCTS INFORMATION EXCHANGE INST.
NEW YORK, N.Y.
DEVELOPMENT OF A SYSTEM FOR AN EDUCATIONAL PRODUCTS INFORMATION EXCHANGE. FINAL REPORT.
BR-7-0274 ED 020 566

EDUCATIONAL RESEARCH SERVICE, WASHINGTON, D.C.
TEAM TEACHING IN ELEMENTARY GRADES.
ED 020 800

EDUCATIONAL SERVICE CENTER, ALBUQUERQUE, N.M.
EVALUATION OF SERVICE ACTIVITIES UNDERTAKEN BY THE EDUCATIONAL SERVICE CENTER FOR THE PERIOD SEPTEMBER 1, 1966 TO JULY 1, 1967.
ED 020 818

EL CAMINO COLL., EL CAMINO COLLEGE, CALIF.
ANOTHER LOOK AT TEACHER EVALUATION IN AMERICAN JUNIOR COLLEGES.
ECC-67-8 ED 020 720

SERVICE EDUCATION WITH RECOMMENDATIONS CONCERNING ITS IMPLEMENTATION IN AMERICAN JUNIOR COLLEGES.,IN-
ECC-67-7 ED 020 721

SUGGESTED GUIDELINES FOR THE JUNIOR COLLEGE CHORAL PROGRAM AS PREPARED BY THE ACDA COMMITTEE ON JUNIOR COLLEGE CHORAL PROBLEMS.
ECC-68-3 ED 020 723

ENOCH PRATT FREE LIBRARY, BALTIMORE, MD.
BALTIMORE REACHES OUT--LIBRARY SERVICE TO THE DISADVANTAGED. DEICHES FUND STUDIES OF PUBLIC LIBRARY SERVICE, NUMBER 3.
ED 020 768

ERIC INFORM.ANAL.CEN.FOR SCI.EDUC., COLUMBUS, OHIO
(FULL NAME - ERIC INFORMATION ANALYSIS CENTER FOR SCIENCE EDUCATION.)
SCIENCE EDUCATION INFORMATION ANALYSIS CENTER NEWSLETTER.
ED 020 916

FEDERAL EXTENSION SERVICE (DOA), WASHINGTON, D.C.
FEDERAL-STATE PROGRAMS FOR DEVELOPING HUMAN RESOURCES.
ED 021 044

FEDERATION INTERNAT. DES PROF. DE LANGUES VIVANTES
PRAGUE SEMINAR ON LANGUAGE TEACHING AIMS, 1967.
ED 020 699

FERRIS STATE COLL., BIG RAPIDS, MICH.
COUNSELING THE TECHNICALLY-ORIENTED STUDENT.
ED 020 531

INTEREST AND INTELLECTUAL INDICES RELATED TO SUCCESSFUL AND NON-SUCCESS-

FUL MALE COLLEGE STUDENTS IN TECHNICAL AND ASSOCIATE DEGREE PROGRAMS. FINAL REPORT.
BR-5-0116 ED 021 127

FLORIDA ST. DEPT. OF EDUCATION, TALLAHASSEE

CRITERIA FOR SELECTION AND APPROVAL OF COMMUNITY JUNIOR COLLEGE SITES IN FLORIDA.
ED 020 636

DEVELOPMENT PROSPECTUS. THE ART OF THE POSSIBLE.
ED 020 634

FLORIDA ST. UNIV., TALLAHASSEE

COMPARISON OF THE EFFECTIVENESS OF THE GRADED AND NONGRADED CURRICULUM PLANS ON ADULT MALES AT FLORIDA STATE PRISON HAVING ACADEMIC ABILITIES CORRESPONDING TO ELEMENTARY GRADES 1-8.,A
ED 020 483

INFLUENCE OF SELECTED FACTORS ON THE NORTH CAROLINA COUNTY EXTENSION WORKER'S DEFINITION OF THE ROLE OF COOPERATIVE EXTENSION.,THE
ED 020 456

INSTRUMENT TO MEASURE SYNTACTIC MATURITY, PRELIMINARY VERSION.,AN
BR-6-2253 ED 020 926

RATIONALE FOR ELEMENTARY SCHOOL GUIDANCE. FINAL REPORT.
BR-7-0743 ED 020 553

FLORIDA ST. UNIV., TALLAHASSE,CURRICULUM STUDY CTR

DEVELOPMENT AND TESTING OF APPROACHES TO THE TEACHING OF ENGLISH IN THE JUNIOR HIGH SCHOOL. FINAL REPORT.,THE
PROJ-NO-H-026 ED 020 934

FLORIDA UNIV., GAINESVILLE

ANALYSIS OF ROLES OF THE COMMUNITY COLLEGE IN CONTINUING EDUCATION IN CONJUNCTION WITH OTHER ORGANIZATIONS WHICH PROVIDE EDUCATION FOR ADULTS.,AN
ED 020 713

FRANKLIN COUNTY SCHOOL BOARD, CHAMBERSBURG, PA.

MODEL VOCATIONAL EDUCATION PROGRAM FOR THE SLOW LEARNER.,A
ED 021 046

FRESNO CITY COLL., CALIF.

SURVEY OF EVENING COLLEGE COUNSELING SERVICES IN CALIFORNIA JUNIOR COLLEGES.,A
ED 020 736

FUTURE FARMERS OF AMERICA, WASHINGTON, D.C.

FFA AT WORK FOR SAFETY, A HANDBOOK FOR TEACHERS AND STUDENTS OF VOCATIONAL AGRICULTURE.
ED 020 835

GALTON INSTITUTE, LOS ANGELES, CALIF.

LINGUA PLAN.,THE
GRN-0-301 ED 020 504

GEORGE PEABODY COLL. FOR TEACHERS, NASHVILLE,TENN.

CONSTRUCTION AND VALIDATION OF A SCALE TO MEASURE CHILDREN'S SCHOOL MORALE.,THE
ED 020 528

STUDY OF THE EFFECTS OF TWO EXPERIMENTAL CURRICULUM UNITS ON THE SOCIAL PERCEPTION AND OCCUPATIONAL READINESS OF EDUCABLE MENTALLY RETARDED ADOLESCENTS.,A
BR-6-8926 ED 020 599

GEORGE WASHINGTON UNIV., WASHINGTON, D.C.

EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT.,AN
ED 020 632

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA

DIV. OF VOCATIONAL EDUC.
PRE-TECHNICAL PROGRAM FOR GEORGIA'S AREA VOCATIONAL-TECHNICAL SCHOOLS, A REPORT ON A PILOT PROGRAM.,A
ED 021 134

GOVERNOR'S COMMITTEE ON MIGRATORY LABOR

HARRISBURG, PA.
PENNSYLVANIA MIGRATORY LABOR PROGRAM, 1967. ANNUAL REPORT.
ED 020 823

GREAT PLAINS SCH.DIST.ORG. PROJECT, LINCOLN ,NEBR.

(FULL NAME - THE GREAT PLAINS SCHOOL DISTRICT ORGANIZATION PROJECT.)
BASIC REQUIREMENTS FOR AN ADEQUATE PUPIL PERSONNEL PROGRAM.
ED 020 540

GREATER NEW HAVEN COMMUNITY COUNCIL, CONN.

HOME HEALTH AIDE TRAINING PROJECT. FINAL REPORT.
ED 021 071

GROUP FOR THE ADVANCEMENT OF PSYCHIATRY INC.

NEW YORK, N.Y.
MILD MENTAL RETARDATION--A GROWING CHALLENGE TO THE PHYSICIAN.
GAP-REP-NO-66 ED 020 600

HARTFORD UNIV., WEST HARTFORD, CONN.

COMPARISON OF TWO METHODS OF READING SUPERVISION. REPORT.,A
CRP-2706 ED 020 859

HAWAII STATE DEPT. OF EDUCATION, HONOLULU

DYNAMIC GENERAL PLANNING MODEL FOR THE HAWAII DEPARTMENT OF EDUCATION.,A
ED 020 560

HIERARCHY OF CURRICULUM AND INSTRUCTION SYSTEM DOCUMENTATION AND THE CYCLE OF CURRICULUM AND INSTRUCTION FUNCTIONS, (A PAIR OF RELATED PAPERS).,THE
ED 020 561

HAWAII UNIV., HONOLULU

KAUAI COMMUNITY COLLEGE, SITE SELECTION REPORT.
ED 020 642

HISTORICAL EVALUATION AND RESEARCH ORGANIZATION

MC LEAN, VA.
HISTORY AND URBAN EDUCATION, A FIVE-CITY SURVEY PLAN, 1964-1965.
ED 020 970

STUDY TO DEVELOP A RESEARCH PROGRAM FOR THE DESIGN DEVELOPMENT OF MODERN COLLEGE LIBRARIES. FINAL REPORT.
BR-7-C-031 ED 020 762

HOME EDUC. LIVELIHOOD PROGRAM, ALBUQUERQUE, N.MEX.

HOME EDUCATION LIVELIHOOD PROGRAM IN NEW MEXICO FOR UNDEREMPLOYED SEASONAL AGRICULTURE WORKERS.
GNM-8523 ED 020 807

HOME FOR CRIPPLED CHILDREN, PITTSBURGH, PA.

PROCEEDINGS, 1967 INTERNATIONAL CONVOCATION ON CHILDREN AND YOUNG ADULTS WITH LEARNING DISABILITIES (PITTSBURGH, PENNSYLVANIA, FEBRUARY 24-26, 1967).
ED 020 603

HOWARD UNIV., WASHINGTON, D.C.

EVALUATION AND FOLLOW-UP STUDY OF SUMMER 1966 HEAD START CHILDREN IN WASHINGTON, D.C.,AN
OEO-1490 ED 020 794

HUMAN ENGINEERING INSTITUTE, CLEVELAND, OHIO

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT I, GENERAL INTRODUCTION TO DIESEL ENGINES.
PTAM-1-1 ED 021 072

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT II, MAINTAINING THE AIR SYSTEM--DETROIT DIESEL ENGINES.
PTAM-1-2 ED 021 073

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT III, MAINTAINING THE FUEL SYSTEM--DETROIT DIESEL ENGINE.
PTAM-1-3 ED 021 074

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IV, MAINTAINING THE COOLING SYSTEM--DETROIT DIESEL ENGINES.
PTAM-1-4 ED 021 075

AUTOMOTIVE DIESEL MAINTENANCE, UNIT V, MAINTAINING THE LUBRICATION SYSTEM--DETROIT DIESEL ENGINE.
PTAM-1-5 ED 021 076

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VI, MAINTAINING MECHANICAL GOVERNORS--DETROIT DIESEL ENGINES.
PTAM-1-6 ED 021 077

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VII, ENGINE TUNE-UP--DETROIT DIESEL ENGINE.
PTAM-1-7 ED 021 078

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT VIII. ENGINE COMPONENTS--PART I.
AM-1-8 ED 021 079

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT IX, ENGINE COMPONENTS.
AM-1-9 ED 021 080

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT X, USE OF MEASURING TOOLS IN DIESEL MAINTENANCE.
AM-1-10 ED 021 081

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XI, PART I--MAINTAINING THE FUEL SYSTEM (PART I), CUMMINS DIESEL ENGINES, PART II--UNIT REPLACEMENT (ENGINE).
AM-1-11 ED 021 082

AUTOMOTIVE DIESEL MAINTENANCE L. UNIT XII, PART I--MAINTAINING THE FUEL SYSTEM (PART II), CUMMINS DIESEL ENGINE, PART II--UNIT INSTALLATION (ENGINE).
AM-1-12 ED 021 083

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIII, I--MAINTAINING THE FUEL SYSTEM (PART III), CUMMINS DIESEL ENGINES, II--RADIATOR SHUTTER SYSTEM.
AM-1-13 ED 021 084

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIV, I--MAINTAINING THE AIR SYSTEM, CUMMINS DIESEL ENGINE, II--UNIT REMOVAL--TRANSMISSION.
AM-1-14 ED 021 085

AUTOMOTIVE DIESEL MAINTENACE 1. UNIT XV, I--MAINTAINING THE COOLING SYSTEM, CUMMINS DIESEL ENGINE, I--UNIT INSTALLATION--TRANSMISSION.
AM-1-15 ED 021 086

AUTOMOTIVE DIESEL MAINTENANCE 1, UNIT XVI, I--USE AND CARE OF SMALL HAND TOOLS, II--PRINCIPLES OF THE POWER DIVIDER.
AM-1-16 ED 021 087

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVII, I--MAINTAINING THE LUBRICATION SYSTEM--CUMMINS DIESEL ENGINE, II--UNIT INSTALLATION AND REMOVAL--DRIVE LINES.
AM-1-17 ED 021 088

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVIII, I--UNDERSTAND ENGINE GEARS AND GEARING PRINCIPLES, II--MACK INTER-AXLE POWER DIVIDER.
AM-1-18 ED 021 089

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIX, I--ENGINE TUNE-UP--CUMMINS DIESEL ENGINE, II--FRONT END SUSPENSION AND AXLES.
AM-1-19 ED 021 090

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XX, CUMMINS DIESEL ENGINE, MAINTENANCE SUMMARY.
AM-1-20 ED 021 091

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXI, I--MAINTAINING THE AIR SYSTEM--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING REAR END SUSPENSION.
AM-1-21 ED 021 092

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXII, I--MAINTAINING THE FUEL SYSTEM (PART I)--CUMMINS DIESEL ENGINE, II--UNDERSTANDING THE DIFFERENTIAL.
AM-1-22 ED 021 093

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIII, I--MAINTAINING THE FUEL SYSTEM, PART II--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING STEERING SYSTEMS.
AM-1-23 ED 021 094

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIV, I--MAINTAINING THE FUEL SYSTEM PART III--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING THE VOLTAGE REGULATOR/ALTERNATOR.
AM-1-24 ED 021 095

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXV, I--CATERPILLAR DIESEL ENGINE COOLING SYSTEM D-8 AND 824 MODELS, II--TIRES AND TIRE HARDWARE.
AM-1-25 ED 021 096

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVI, I--CATERPILLAR LUBRICATION SYSTEMS AND COMPONENTS, II--LEARNING ABOUT BRAKES (PART I).
AM-1-26 ED 021 097

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVII, I--CATERPILLAR STARTING (PONEY) ENGINE (PART I), II--LEARNING ABOUT BRAKES (PART II).
AM-1-27 ED 021 098

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVIII, I--CATERPILLAR STARTING (PONEY) ENGINE (PART II), II--UNDERSTANDING MORE ABOUT STARTING DEVICES.
AM-1-28 ED 021 099

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIX, REVIEWING THE CONSTRUCTION OF ENGINE COMPONENTS.
AM-1-29 ED 021 100

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXX, I--CATERPILLAR DIESEL ENGINE MAINTENANCE SUMMARY, II--REIEWING FACTS ABOUT ALTERNATORS.
AM-1-30 ED 021 101

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT I, UNDERSTANDING MECHANICAL CLUTCHES.
AM-2-1 ED 021 102

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT II, MECHANICAL TRANSMISSIONS.
AM-2-2 ED 021 103

AUTOMOTIVE DIESEL MAINTENANCE 2 UNIT IV, AUTOMATIC TRANSMISSIONS--HYDRAULICS (PART II).
AM-2-4 ED 021 104

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT III, AUTOMATIC TRANSMISSIONS--HYDRAULICS (PART I).
AM-2-3 ED 021 105

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT V, AUTOMATIC TRANSMISSIONS--TORQUE CONVERTER.
AM-2-5 ED 021 106

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VI, AUTOMATIC TRANSMISSIONS--PLANETARY GEARING.
AM-2-6 ED 021 107

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VII, AUTOMATIC TRANSMISSIONS--ALLISON, TORQUMATIC SERIES 5960 AND 6060 (PART I).
AM-2-7 ED 021 108

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT VIII, AUTOMATIC TRANSMISSIONS--ALLISON TORQUMATIC SERIES 5960, 6060, AND 8860 (PART II).
AM-2-8 ED 021 109

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT IX, AUTOMATIC TRANSMISSIONS--HYDRAULIC SYSTEM (PART I).
AM-2-9 ED 021 110

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT X, AUTOMATIC TRANSMISSIONS--HYDRAULIC SYSTEMS (PART II).
AM-2-10 ED 021 111

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XI, INTRODUCTION TO ELECTRICAL MAINTENANCE FOR OFF-HIGHWAY VEHICLES.
AM-2-11 ED 021 112

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XII, LEARNING ABOUT BATTERY SERVICING AND TESTING (PART I).
AM-2-12 ED 021 113

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIII, BATTERY SERVICE AND TESTING PROCEDURES--PART II.
AM-2-13 ED 021 114

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIV, UNDERSTANDING DC GENERATOR PRINCIPLES.
AM-2-14 ED 021 115

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XV, UNDERSTANDING DC GENERATOR PRINCIPLES (PART II).
AM-2-15 ED 021 116

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVI, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART I).
AM-2-16 ED 021 117

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVII, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART II).
AM-2-17 ED 021 118

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVIII, ALTERNATOR AND REGULATOR SERVICING AND TESTING, AND AN INTRODUCTION TO TRANSISTOR REGULATORS.
AM-2-18 ED 021 119

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XIX, LEARNING ABOUT CRANKING MOTORS.
AM-2-19 ED 021 120

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XX, TROUBLESHOOTING ELECTRICAL SYSTEMS.
AM-2-20 ED 021 121

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXI, MICHIGAN/CLARK TRANSMISSION--COMPLETE POWER TRAIN.
AM-2-21 ED 021 122

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXII, MICHIGAN/CLARK TRANSMISSION--CONVERTER/TRANSMISSION.
AM-2-22 ED 021 123

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIII, MICHIGAN/CLARK TRANSMISSION--HYDRAULIC SHIFT.
AM-2-23 ED 021 124

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXV, MICHIGAN/CLARK TRANSMISSION--TROUBLESHOOTING.
AM-2-25 ED 021 126

AUTOMOTIVE DIESEL MAINTENANCE. PROGRAM OUTLINE.
ED 021 149

IDAHO OCCUPATIONAL RESEARCH COORDINATING UNIT

MOSCOW (IDAHO UNIV.,MOSCOW, STATE OCCUPATIONAL RES. UNIT)
OPEN SYSTEM THEORY AND CHANGE IN VOCATIONAL PROGRAMS OF IDAHO SECONDARY SCHOOLS.
BR-6-3014 ED 021 138

ILLINOIS STATE BOARD OF VOC. EDUC. AND REHABIL.

SPRINGFIELD
EXPERIMENTAL PROGRAM IN VOCATIONAL EDUCATION. FINAL REPORT,AN
ED 021 048

ILLINOIS STATE LIBRARY, SPRINGFIELD

LIBRARY STATISTICS AND STATE AGENCIES, A COMPARATIVE STUDY OF THREE STATES. RESEARCH SERIES NO. 12.
ED 020 761

ILLINOIS STATE OFF. SUPT. PUB. INSTR., SPRINGFIELD

DEPT. OF PROGRAM PLANNING FOR THE GIFTED
EDUCATIONAL PROBLEMS AND PLANNING FOR GIFTED STUDENTS--SELECTED PAPERS FROM GRADUATE LEADERSHIP TRAINING PROGRAM ON THE GIFTED.
ED 020 590

ILLINOIS UNIV., CHAMPAIGN, WORK-EDUC. RES. CENTER

CONCURRENT WORK-EDUCATION (PROGRAMS IN THE 50 STATES 1965-66). INITIAL DRAFT.
ED 021 049

ILLINOIS UNIV., URBANA

ACHIEVEMENT OF STUDENTS FROM GROUPS INSTRUCTED BY PROGRAMED MATERIALS, CLASSROOM TEACHER, OR BOTH. COMPARATIVE STUDIES OF PRINCIPLES FOR PRO-

GRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 12.
NDEA-7A-806 ED 020 675

ANALYSIS OF A CLASS OF PROBLEM SOLVING BEHAVIOR. FINAL REPORT,AN
BR-5-0314 ED 020 776

ATTEMPT TO FIND AN A PRIORI MEASURE OF STEP SIZE. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 13,AN
NDEA-7A-806 ED 020 676

COMPARISON OF LINEAR AND BRANCHING TECHNIQUES OF PROGRAMED INSTRUCTION IN PLANE GEOMETRY. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 1,A
NDEA-7A-806 ED 020 677

INVESTIGATION OF THE APPLICABILITY OF MOTION PICTURES TO EDUCATIONAL TESTING. FINAL REPORT,AN
BR-5-0713 ED 020 654

THREE METHODS OF PROCESSING STUDENT RESPONSE DATA IN PROGRAMED INSTRUCTION. COMPARATIVE STUDIES OF PRINCIPLES FOR PROGRAMMING MATHEMATICS IN AUTOMATED INSTRUCTION, TECHNICAL REPORT NO. 7.
NDEA-7A-806 ED 020 674

ILLINOIS UNIV., URBANA, INST.RES.EXCEPT.CHILDREN

EDUCATIONAL PROBLEMS AND PLANNING FOR GIFTED STUDENTS--SELECTED PAPERS FROM GRADUATE LEADERSHIP TRAINING PROGRAM ON THE GIFTED.
ED 020 590

LINGUISTIC ANALYSIS OF VERBAL INTERACTION IN SPECIAL CLASSES FOR THE MENTALLY RETARDED.
BR-7-0130 ED 020 597

ILLINOIS UNIV., URBANA, LIBRARY RESEARCH CENTER

CHARACTERISTICS OF PROFESSIONAL PERSONNEL IN COLLEGE AND UNIVERSITY LIBRARIES. FINAL REPORT.
BR-5-0919 ED 020 766

EFFECT OF ARRANGEMENT ON THE USE OF LIBRARY CATALOGS--AN EXPERIMENTAL STUDY OF A DIVIDED AND A DICTIONARY CATALOG. FINAL REPORT,THE
BR-7-E-014 ED 020 767

LIBRARY STATISTICS AND STATE AGENCIES, A COMPARATIVE STUDY OF THREE STATES. RESEARCH SERIES NO. 12.
ED 020 761

INDIANA UNIV. FOUNDATION, BLOOMINGTON

(AFFILIATED WITH INDIANA UNIV.)
NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION--A DEMONSTRATION OF A NATIONAL PROGRAM AGENCY FOR INSTRUCTIONAL TELEVISION. FINAL REPORT,THE
BR-5-0273 ED 020 655

INDIANA UNIV., BLOOMINGTON

THEORY OF TRAINING AND THE TRAINER ROLE IN THE INDIANA PLAN INSTITUTE,THE
ED 020 476

INDIANA UNIV., BLOOMINGTON, ENG. CURRIC.STUDY CTR.

BOOKS FOR TEACHERS OF ENGLISH, AN ANNOTATED BIBLIOGRAPHY. INDIANA UNIVERSITY ENGLISH CURRICULUM STUDY SERIES.
BR-5-0677-4 ED 020 933

INDIANA UNIV., BLOOMINGTON, ERIC CH. ON READING

(FULL NAME - ERIC CLEARINGHOUSE ON READING.)
CITATION BIBLIOGRAPHY OF SELECTED SOURCES ON DYSLEXIA AND LEARNING DISABILITIES,A
ERIC-CRIER-VOL-1-BIBLIOGR-9 ED 020 865

INSTITUTE FOR JUVENILE RESEARCH, CHICAGO, ILL.

DIMENSIONS OF ACHIEVEMENT-RELATED BEHAVIOR AMONG LOWER-CLASS NEGRO PARENTS.
ED 021 004

INSTITUTE FOR SERVICES TO EDUC., WASHINGTON, D.C.

SAMPLE UPWARD BOUND PROGRAMS.
ED 020 957

INTER-AMERICAN EDUCATION CENTER, SAN ANTONIO, TEX.

IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).
ED 020 819

INTERNATIONAL BUSINESS MACHINES CORP.

POUGHKEEPSIE, N.Y.
PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
ED 020 760

INTERNATIONAL BUSINESS MACHINES CORP.

YORKTOWN HEIGHTS, N.Y.,THOMAS J. WATSON RES. CTR.
ENGLISH GRAMMAR II.
AFCRL-68-0070 ED 020 520

LEARNABILITY OF A TRANSFORMATIONALLY GENERATED SUBSET OF ENGLISH.
AFCRL-68-0070 ED 020 521

INTERNATIONAL INST. FOR EDUCATIONAL PLANNING

PARIS (FRANCE)
STUDY OF FEASIBILITY OF NEW EDUCATIONAL MEDIA FOR DEVELOPING COUNTRIES.
ED 020 685

INTERNATIONAL READING ASSN., NEWARK, DEL.

(LOCATED AT UNIV. OF DELAWARE.)
BIBLIOTHERAPY--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-16 ED 020 874

CLASSROOM ORGANIZATION FOR READING INSTRUCTION--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-6 ED 020 878

CRITICAL READING DEVELOPS EARLY.
ED 020 866

DEVELOPING HIGH SCHOOL READING PROGRAMS.
ED 020 867

INDIVIDUALIZED READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-1 ED 020 876

LINGUISTICS AND THE TEACHING OF READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-12 ED 020 881

PROVIDING CLINICAL SERVICES IN READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-5 ED 020 877

READABILITY AND READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-10 ED 020 875

SPEED READING--AN ANNOTATED BIBLIOGRAPHY.
IRA-AB-14 ED 020 879

UPGRADING ELEMENTARY READING PROGRAMS.
ED 020 880

IOWA UNIV., IOWA CITY

EDUCATION, CHILDREN AND COMFORT.
ED 020 644

IOWA UNIV., IOWA CITY, IOWA CTR. FOR RES. SCH.ADM.

NEW DIRECTIONS IN INSTRUCTIONAL PRACTICES.
SR-54 ED 020 570

JOHNS HOPKINS UNIV., BALTIMORE, MD.

SCHOOL OF MEDICINE
BIBLIOGRAPHY OF PAPERS COVERING WORK UNDER OEO CONTRACT NUMBER 510. FINAL REPORT. (TITLE SUPPLIED).
OEO-510 ED 020 773

FOLLOW-UP STUDY OF INTELLIGENCE CHANGES IN CHILDREN WHO PARTICIPATED IN PROJECT HEADSTART,A
OEO-510 ED 020 786

JOHNS HOPKINS PERCEPTUAL TEST, THE DEVELOPMENT OF A RAPID INTELLIGENCE TEST FOR THE PRE-SCHOOL CHILD,THE
OEO-510 ED 020 787

LANGUAGE CONTROL IN A GROUP OF HEAD START CHILDREN.
OEO-510 ED 020 789

LIMITATIONS OF BRIEF INTELLIGENCE TESTING WITH YOUNG CHILDREN,THE
OEO-510 ED 020 774

SYNTACTIC STRUCTURES OF 5-YEAR-OLD CULTURALLY DEPRIVED CHILDREN,THE
OEO-510 ED 020 788

JOINT PUBLICATION RESEARCH SERVICE, WASHINGTON,D.C

POLAND--FURTHER DEVELOPMENT OF EDUCATION FOR WORKERS.
TT-67-33869 ED 020 465

KENT STATE UNIV., OHIO, CENTER FOR LIBRARY STUDIES

LIBRARY SERVICES FOR THE HANDICAPPED IN OHIO.
ED 020 758

KENTUCKY RESEARCH COORDINATING UNIT, LEXINGTON

STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT,A
ED 021 130

KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT

BUREAU OF VOCATIONAL EDUCATION
STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT,A
ED 021 130

LAMAR STATE COLL. OF TECHNOLOGY, BEAUMONT, TEX.

SCHOOL OF EDUCATION
AGE OF ENTRANCE INTO THE FIRST GRADE AS RELATED TO ARITHMETIC ACHIEVEMENT.
ED 020 801

LAVAL UNIV. (QUEBEC)

DOSSIER SUR "LA FORMATION PROFESSIONNELLE DES DIRECTEURS DE LABORATOIRE DE LANGUES" (PROPOSED COURSE OF STUDY FOR THE PROFESSIONAL PREPARATION OF LANGUAGE LABORATORY DIRECTORS).
ED 020 687

LEHIGH UNIV., BETHLEHEM, PA., SCHOOL OF EDUCATION
COMMUNITY SERVICES OF THE COMMUNITY COLLEGES IN THE STATE OF PENNSYLVANIA.
ED 020 742

LIBRARY CONSULTANT SERVICE, PLAINVIEW, N.Y.
SUGGESTED RECOMMENDATIONS FOR INTER-LIBRARY COOPERATION IN THE STATE OF NEW JERSEY.
ED 020 764

LOS ANGELES CITY SCHOOLS, CALIF.
COMPUTER AS AN AID IN TEACHING MATHEMATICS, AN INSTRUCTIONAL BULLETIN, GRADES 7-10,THE
ESEA-5 ED 020 660

LOUISIANA ST. UNIV. AND A AND M COLL. SYSTEM
BATON ROUGE
CONFORMITY, DEVIATION AND LEADERSHIP AS A FUNCTION OF FEEDBACK IN GROUPS.
ED 020 472

LUCKMAN (CHARLES) ASSOCIATES, LOS ANGELES, CALIF.
LONG RANGE DEVELOPMENT PLAN FOR HONOLULU COMMUNITY COLLEGE.
PROJ-1811-01 ED 020 643

MARINE SCIENCE PROJECT, BEAUFORT, N.C.
FIELD EXPERIENCE--A WHY, A HOW,A
DPSC-67-4274 ED 020 830

MAJOR COASTAL COMMUNITIES OF NORTH CAROLINA,THE
ED 020 829

MARYLAND GOVERNORS COMMISSION TO STUDY EDUC. NEEDS
ANNAPOLIS, MD. (FULL NAME - COMMISSION TO STUDY EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN IN MARYLAND.)
REPORT OF THE GOVERNOR'S COMMISSION TO STUDY THE EDUCATIONAL NEEDS OF HANDICAPPED CHILDREN.
ED 020 611

MARYLAND SCHOOL FOR THE DEAF, FREDERICK
OUR FIRST 100 YEARS, HIGHLIGHTS OF CENTENNIAL TEACHERS INSTITUTE (MARYLAND SCHOOL FOR THE DEAF, FREDERICK, MARYLAND, MARCH 7-8, 1968).
ED 020 607

MARYLAND UNIV., COLLEGE PARK
INSTITUTE ON THE UTILIZATION OF SUPPORTIVE PERSONNEL IN SCHOOL SPEECH AND HEARING PROGRAMS (WASHINGTON, D.C., SEPTEMBER 6-8, 1967).
ED 020 609

MERRITT COLL., OAKLAND, CALIF.
LONG TERM STUDY OF THE RESULTS OF SPECIAL COUNSELING AND INSTRUCTIONAL TECHNIQUES USED WITH STUDENTS WITH SEEMINGLY LOW ACADEMIC POTENTIAL AS MEASURED BY MERRITT COLLEGE CLASSIFICATION TESTS,A
ED 020 726

MIAMI UNIV., OXFORD, OHIO
TEACHING OF INQUIRY SKILLS TO ELEMENTARY SCHOOL CHILDREN. FINAL REPORT,THE
BR-5-0594 ED 020 805

MICHIGAN ST. UNIV., EAST LANSING
INSTRUCTIONAL SYSTEMS DEVELOPMENT--A DEMONSTRATION AND EVALUATION PROJECT. FINAL REPORT.
BR-5-1411 ED 020 673

STUDY OF SELECTED FACTORS INHIBITING THE DEVELOPMENT OF ADULT EDUCATION IN THE STATE OF MICHIGAN, 1957-58,A
ED 020 477

STUDY OF THE GOALS AND CHARACTERISTICS OF EXTENSION CREDIT STUDENTS IN NORTHWESTERN MICHIGAN,A
ED 020 478

STUDY OF THE PERSONALITY DIFFERENCES BETWEEN A GROUP OF WOMEN WHO HAD PARTICIPATED IN SEWING CLASSES IN AN ADULT EDUCATION PROGRAM AND A GROUP OF THEIR FRIENDS AND NEIGHBORS WHO HAD NOT PARTICIPATED IN ANY ADULT EDUCATION ACTIVITIES,A
ED 020 481

MICHIGAN ST. UNIV., EAST LANSING,EDUC.DEV. PROGRAM
STRUCTURED LEARNING AND TRAINING ENVIRONMENTS--A PREPARATION LABORATORY FOR ADVANCED MAMMALIAN PHYSIOLOGY.
MSU-EDP-PR-203 ED 020 671

MICHIGAN UNIV., ANN ARBOR
TOWARD A THEORY OF HOME, SCHOOL, AND COMMUNITY INTERRELATIONS.
ED 020 526

MICHIGAN UNIV., ANN ARBOR,COLL.OF ARCHITEC. DESIGN
ENVIRONMENTAL ABSTRACTS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 1.
SER-1 ED 020 629

ENVIRONMENTAL EVALUATIONS. SCHOOL ENVIRONMENTS RESEARCH PUBLICATION NO. 2.
SER-2 ED 020 630

MICHIGAN UNIV., ANN ARBOR,COLL.OF LIT.,SCI.,ARTS
EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION. PROGRESS REPORT NO. I, FEBRUARY 1-SEPTEMBER 1, 1961.
ORAP-04411-1-P ED 020 498

EXPERIMENTAL ANALYSIS OF THE CONTROL OF SPEECH PRODUCTION AND PERCEPTION--II. PROGRESS REPORT 2, SEPTEMBER 1, 1961 TO FEBRUARY 1, 1962.
ORAP-04411-2-P ED 020 499

MICHIGAN UNIV., ANN ARBOR,CTR.FOR RES.LANG.AND BEH
(FULL NAME - CENTER FOR RESEARCH ON LANGUAGE AND LANGUAGE BEHAVIOR.)
REPORT ON CONTINGENCY MANAGEMENT OF VERBAL BEHAVIOR,A
BR-6-1784 ED 020 610

MICHIGAN UNIV., ANN ARBOR,RES.CLUB IN LANG.LEARN.
CROSS-CULTURAL TESTING--WHAT TO TEST.
ED 020 696

MIDDLESEX COUNTY COLL., EDISON, N.J.
TALENT SEARCH PROJECT. FINAL REPORT.
ED 020 733

MIDDLETOWN TOWNSHIP BOARD OF EDUC.,HIGHLANDS, N.J.
SCIENCE INTERPRETIVE PROGRAM--SPERMACETI COVE INTERPRETIVE CENTER.
ED 020 898

MILWAUKEE PUBLIC SCHOOLS, WIS.
PARENTS' EVALUATION OF THE HEAD START PROGRAM IN THE MILWAUKEE PUBLIC SCHOOLS.
ED 020 806

MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL
VOCATIONAL EDUCATION
AUTOMOTIVE DIESEL MAINTENANCE 1, UNIT XVI, I--USE AND CARE OF SMALL HAND TOOLS, II--PRINCIPLES OF THE POWER DIVIDER.
ED 021 087

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVII, I--MAINTAINING THE LUBRICATION SYSTEM--CUMMINS DIESEL ENGINE, II--UNIT INSTALLATION AND REMOVAL--DRIVE LINES.
ED 021 088

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XVIII, I--UNDERSTAND ENGINE GEARS AND GEARING PRINCIPLES, II--MACK INTER-AXLE POWER DIVIDER.
ED 021 089

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XIX, I--ENGINE TUNE-UP--CUMMINS DIESEL ENGINE, II--FRONT END SUSPENSION AND AXLES.
ED 021 090

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XX, CUMMINS DIESEL ENGINE, MAINTENANCE SUMMARY.
ED 021 091

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXI, I--MAINTAINING THE AIR SYSTEM--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING REAR END SUSPENSION.
ED 021 092

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXII, I--MAINTAINING THE FUEL SYSTEM (PART I)--CUMMINS DIESEL ENGINE, II--UNDERSTANDING THE DIFFERENTIAL.
ED 021 093

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIII, I--MAINTAINING THE FUEL SYSTEM, PART II--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING STEERING SYSTEMS.
ED 021 094

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXIV, I--MAINTAINING THE FUEL SYSTEM PART III--CATERPILLAR DIESEL ENGINE, II--UNDERSTANDING THE VOLTAGE REGULATOR-ALTERNATOR.
ED 021 095

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXV, I--CATERPILLAR DIESEL ENGINE COOLING SYSTEM D-8 AND 824 MODELS, II--TIRES AND TIRE HARDWARE.
ED 021 096

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVI, I--CATERPILLAR LUBRICATION SYSTEMS AND COMPONENTS, II--LEARNING ABOUT BRAKES (PART I).
ED 021 097

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXVII, I--CATERPILLAR STARTING (PONEY) ENGINE (PART I), II--LEARNING ABOUT BRAKES (PART II).
ED 021 098

AUTOMOTIVE DIESEL MAINTENANCE 1. UNIT XXX, I--CATERPILLAR DIESEL ENGINE MAINTENANCE SUMMARY, II--REIEWING FACTS ABOUT ALTERNATORS.
ED 021 101

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT I, UNDERSTANDING MECHANICAL CLUTCHES.
ED 021 102

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVII, LEARNING ABOUT AC GENERATOR (ALTERNATOR) PRINCIPLES (PART II).
ED 021 118

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XVIII, ALTERNATOR AND REGULATOR SERVICING AND TESTING, AND AN INTRODUCTION TO TRANSISTOR REGULATORS.
ED 021 119

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XX, TROUBLESHOOTING ELECTRICAL SYSTEMS.
ED 021 121

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXI, MICHIGAN-CLARK TRANSMISSION--COMPLETE POWER TRAIN.
ED 021 122

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXII, MICHIGAN-CLARK TRANSMISSION--CONVERTER-TRANSMISSION.
ED 021 123

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIII, MICHIGAN-CLARK TRANSMISSION--HYDRAULIC SHIFT.
ED 021 124

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXIV, MICHIGAN-CLARK TRANSMISSION--OIL FLOW THROUGH THE CONTROL COVER ASSEMBLY.
ED 021 125

AUTOMOTIVE DIESEL MAINTENANCE 2. UNIT XXV, MICHIGAN-CLARK TRANSMISSION--TROUBLESHOOTING.
ED 021 126

MINNESOTA UNIV., MINNEAPOLIS

USE OF CLOSED CIRCUIT TELEVISION IN TEACHER EDUCATION, RELATIONSHIP TO ACHIEVEMENT AND SUBJECT MATTER UNDERSTANDING.
ED 020 473

MISSOURI UNIV., COLUMBIA, DEPT.OF INDUSTRIAL EDUC.

EMERGING PROGRAMS OF VOCATIONAL AND TECHNICAL EDUCATION IN SECONDARY SCHOOLS OF MISSOURI IN RELATION TO MANPOWER NEEDS. (D.ED. THESIS SUMMARY).
ED 021 050

MISSOURI UNIV., KANSAS CITY

(FORMERLY UNIV. OF KANSAS CITY - 1933.)
TEACHING BEGINNING READERS TO DISTINGUISH BETWEEN SIMILAR LETTERS OF THE ALPHABET. FINAL REPORT.
BR-6-1655 ED 020 860

MOBIL FINISHES COMPANY INC., CHICAGO, ILL.

COLOR PLANNING FOR HOSPITALS AND SCHOOLS.
ED 020 623

MODERN LANGUAGE ASSN. OF AMERICA, NEW YORK, N.Y.

COLLEGE PROGRAMS IN FRESHMAN COMPOSITION.
ED 020 939

FRESHMAN ENGLISH AT THE STATE UNIVERSITY OF NEW YORK, BUFFALO.
ED 020 940

FRESHMAN ENGLISH AT THE UNIVERSITY OF HAWAII.
ED 020 941

FRESHMAN ENGLISH AT NINE INSTITUTIONS WHICH HAVE ELIMINATED THE TRADITIONAL COURSE IN FRESHMAN COMPOSITION--ANTIOCH, ELMIRA, JUNIATA, AND SWARTHMORE COLLEGES AND BAKER, CLARK, EMORY, MARYLAND, AND TULANE UNIVERSITIES.
ED 020 942

FRESHMAN ENGLISH AT THE UNIVERSITY OF TULSA, COLUMBIA BASIN COLLEGE, AND WESTERN STATE COLLEGE OF COLORADO.
ED 020 943

FRESHMAN ENGLISH AT FOURTEEN TWO-YEAR COLLEGES--JUNIOR COLLEGE OF ALBANY, AMARILLO, BAKERSFIELD, BECKLEY, CALIFORNIA CONCORDIA, CAZENOVIA, GRAND VIEW, HARCUM, LAKEWOOD STATE, MIAMI-DADE, AND COLBY, JEFFERSON, MONROE COUNTY, AND PORTLAND COMMUNITY COLLEGES.
ED 020 944

FRESHMAN ENGLISH AT THE UNIVERSITY OF KENTUCKY, OHIO STATE UNIVERSITY, PURDUE UNIVERSITY, AND SOUTHERN ILLINOIS UNIVERSITY.
ED 020 945

FRESHMAN ENGLISH AT SEVEN COLLEGES--AUGUSTANA COLLEGE, CENTRAL WASHINGTON STATE COLLEGE, CLARKE COLLEGE, STATE COLLEGE AT FRAMINGHAM, HARDING COLLEGE, EMPORIA STATE TEACHERS COLLEGE, AND KING'S COLLEGE.
ED 020 946

FRESHMAN ENGLISH AT TWELVE UNIVERSITIES--BOB JONES, DUQUESNE, JOHN CARROLL, KANSAS STATE, MARQUETTE, NORTHERN ILLINOIS, WASHINGTON, AND WASHINGTON STATE UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF ALABAMA, DAYTON, MINNESOTA (DULUTH), AND MISSISSIPPI.
ED 020 947

FRESHMAN ENGLISH AT EIGHT UNIVERSITIES--SOUTH DAKOTA STATE, SOUTHERN ILLINOIS (EDWARDSVILLE), TUFTS, AND WAKE FOREST UNIVERSITIES, AS WELL AS THE UNIVERSITIES OF NORTH CAROLINA, SANTA CLARA, SOUTH FLORIDA, AND SOUTHERN CALIFORNIA.
ED 020 948

MLA SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.
ED 020 686

SUPPLEMENT FOR GERMAN, NORWEGIAN, POLISH, RUSSIAN, AND SWEDISH TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.,A
ED 020 704

SUPPLEMENT FOR SPANISH AND PORTUGUESE TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.,A
ED 020 705

SUPPLEMENT FOR FRENCH AND ITALIAN TO THE 1962 SELECTIVE LIST OF MATERIALS FOR USE BY TEACHERS OF MODERN FOREIGN LANGUAGES IN ELEMENTARY AND SECONDARY SCHOOLS.,A
ED 020 706

MODESTO JUNIOR COLL., CALIF.

ANALYSIS OF THE CHARACTERISTICS OF THE UNEMPLOYED AND UNDEREDUCATED AS THEY RELATE TO PROGRAM PLANNING FOR CONTINUING EDUCATION IN MODESTO, REVISED ADULT EDUCATION PROGRAM PLAN.,AN
ED 020 452

MOUNT VERNON PUBLIC SCHOOLS, N.Y.

VOLUNTARY PREKINDERGARTEN LANGUAGE DEVELOPMENT AND READING PROGRAM FOR THE ENTIRE FOUR-YEAR-OLD POPULATION OF A CITY (AN INVESTIGATION OF MACHINE-TAUGHT READING). FINAL REPORT.,A
BR-6-1383 ED 020 855

MUSIC EDUCATORS NATIONAL CONFERENCE, WASH., D.C.

MUSIC BUILDINGS, ROOMS AND EQUIPMENT.
ED 020 639

NATIONAL ASSN. OF EDUCATIONAL BROADCASTERS

WASHINGTON, D.C.
BIBLIOGRAPHY OF EDUCATIONAL TELEVISION AND RELATED COMMUNICATION SYSTEMS.,A
ED 020 652

COOPERATIVE INSTRUCTION BY TELEVISION IN THE SCHOOLS OF AMERICAN SAMOA, AN OUTLINE OF THE ORGANIZATION AND PROCEDURES.
ED 020 653

FUNDAMENTALS OF TELEVISION SYSTEMS.
ED 020 657

NATIONAL ASSN. OF INDEPENDENT SCHOOLS, BOSTON

EDUCATION FOR INITIATIVE AND RESPONSIBILITY, COMMENTS ON A VISIT TO THE SCHOOLS OF LEICESTERSHIRE COUNTY, APRIL 1967. SECOND EDITION.
ED 020 795

NATIONAL ASSN. OF SECONDARY SCHOOL PRINCIPALS

WASHINGTON, D.C.
INTERMEDIATE UNITS AND SMALL HIGH SCHOOLS.
ED 020 815

NATIONAL CENTER FOR EDUCATIONAL STATISTICS (DHEW)

WASHINGTON, D.C.
DYNAMICS OF ACHIEVEMENT--A STUDY OF DIFFERENTIAL GROWTH OF ACHIEVEMENT OVER TIME.
OE-TECH-N-NO-53 ED 020 527

NATIONAL COMMITTEE FOR CAREERS IN MEDICAL TECHNO.

WASHINGTON, D.C.
MEDICAL LABORATORY ASSISTANT TEACHER EDUCATION INSTITUTE--PILOT PROGRAM. FINAL REPORT.
BR-7-0635 ED 021 064

NATIONAL COMMITTEE FOR CHILDREN AND YOUTH

WASHINGTON, D.C.
RURAL IN-MIGRATION AND URBAN ASSIMILATION.
ED 020 811

NATIONAL COMMITTEE ON THE EDUC. OF MIGRANT CHILD.

WASHINGTON, D. C.
SELECTED REFERENCES ON MIGRANT CHILDREN'S EDUCATION.
ED 020 809

NATIONAL COUNCIL OF CHURCHES OF CHRIST, NEW YORK

ADULT LEARNING SEMINAR, PROCEEDINGS (SYRACUSE UNIVERSITY, NEW YORK, JUNE 12-16, 19670.
ED 020 482

NATIONAL COUNCIL OF TEACHERS OF ENG.,CHAMPAIGN,ILL
ADULT BASIC EDUCATION.
ED 020 464

OBSCENITY, THE LAW AND THE ENGLISH TEACHER–TWO PAPERS.
ED 020 929

SUB-CULTURAL PATTERNS WHICH AFFECT LANGUAGE AND READING DEVELOPMENT.
ED 020 920

NATIONAL COUNCIL ON MEDICAL TECHNOLOGY EDUCATION
MEMPHIS, TENN.
MEDICAL LABORATORY ASSISTANT TEACHER EDUCATION INSTITUTE–PILOT PROGRAM. FINAL REPORT.
ED 021 064

NATIONAL EDUCATION ASSN., WASHINGTON, D.C.
FREEDOM TO MOVE.
ED 020 778

PREVENTION OF FAILURE.
ED 020 777

NATIONAL EDUCATION ASSN., WASHINGTON, D.C.
DEPT. OF HOME ECONOMICS
HOME ECONOMICS IN COLLEGES AND UNIVERSITIES.
ED 021 133

TECHNIQUES FOR EFFECTIVE TEACHING.
ED 021 056

NATIONAL FED. OF MODERN LANGUAGE TEACHERS ASSN.
FLES–A GUIDE FOR PROGRAM REVIEW.
ED 020 708

IDEAL PREPARATION OF FOREIGN LANGUAGE TEACHERS,THE
ED 020 697

NEW DIRECTIONS IN FOREIGN LANGUAGE TEACHING.
ED 020 707

UNDERGRADUATE MFL TEACHER-TRAINING PROGRAMS IN SCHOOLS AND COLLEGES OF EDUCATION–A SURVEY.
ED 020 702

NATIONAL SCHOLARSHIP SER. AND FUND FOR NEGRO STUD.
NEW YORK, N.Y.
BLUEPRINT FOR TALENT SEARCHING, AMERICA'S HIDDEN MANPOWER.
ED 020 955

NAVAJO TRIBE PUBLIC RELATIONS AND INFO. DEPT.
WINDOW ROCK, ARIZ.
YAZZIE REPORTS ON EDUCATION ACTIVITIES.
ED 020 825

NEBRASKA RESEARCH COORDINATING UNIT, LINCOLN
STATE-WIDE COMPUTERIZED MODEL FOR DETERMINING OCCUPATIONAL OPPORTUNITIES IN NEBRASKA.
ED 021 150

NEBRASKA STATE DEPT. OF EDUCATION, LINCOLN
TEACHER'S HANDBOOK OF RESOURCES FOR THE TEACHING OF HEALTH K-6,A
ED 020 883

NELSON ASSOCIATES INC., NEW YORK, N.Y.
NEW DIRECTIONS IN LIBRARY SERVICE FOR COLORADO, REPORT OF A SURVEY UNDERTAKEN FOR THE COLORADO STATE LIBRARY.
ED 020 746

NEVADA OCCUPATIONAL RES. COORDINATING UNIT, RENO
VOCATIONAL EDUCATION AND THE COMPREHENSIVE HIGH SCHOOL–A CHALLENGE TO ADMINISTRATORS.
BR-6-2733 ED 021 139

NEVADA STATE DEPT. OF EDUCATION, CARSON CITY
GUIDE FOR TEACHING CHILD DEVELOPMENT, A BOOK OF TEACHING PLANS,A
ED 021 054

NEW HAMPSHIRE UNIV.,DURHAM,THOMPSON SCH.APPL.SCI.
FOREST TECHNOLOGY, A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.
ED 021 063

NEW HAVEN VISITING NURSE ASSN., CONN.
HOME HEALTH AIDE TRAINING PROJECT. FINAL REPORT.
ED 021 071

NEW JERSEY STATE LIBRARY, TRENTON
LIBRARY SERVICES IN NEW JERSEY STATE INSTITUTIONS, A SURVEY WITH RECOMMENDATIONS.
ED 020 763

SUGGESTED RECOMMENDATIONS FOR INTER-LIBRARY COOPERATION IN THE STATE OF NEW JERSEY.
ED 020 764

NEW MEXICO UNIV., ALBUQUERQUE, COLL. OF EDUCATION
EDUCATIONAL ADMINISTRATOR TRAINING FOR THE MULTI-CULTURAL COMMUNITY. FINAL REPORT FOR THE NATIONAL INSTITUTE OF MENTAL HEALTH.
ED 020 577

NEW MEXICO WESTERN STATES SMALL SCHOOLS PROJECT
SANTA FE
CLASSROOM AIDE,THE
ED 020 837

NEW SCHOOL FOR SOCIAL RESEARCH, NEW YORK, N.Y.
STUDY IN ORGANIZATIONAL INTERACTION BETWEEN AN EVENING COLLEGE AND ITS PARENT INSTITUTION. FINAL REPORT,A
BR-6-8725 ED 020 572

NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, N.Y.
GUIDE FOR BEGINNING TEACHERS OF READING, GRADES 1-4,A
CB-5 ED 020 858

HANDBOOK FOR ENGLISH LANGUAGE ARTS, GRADES 5-12, READING AND LITERATURE.
CB-10 ED 020 857

NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, N.Y.
BUREAU OF CURRICULUM DEVELOPMENT
SUGGESTED READINGS IN THE LITERATURES OF AFRICA, CHINA, INDIA, JAPAN. CURRICULUM BULLETIN, 1967-68 SERIES.
BULL-13 ED 020 919

NEW YORK CITY YOUTH BOARD, N.Y.
MAYOR'S COMMITTEE ON YOUTH AND WORK
YOUTH IN NEW YORK CITY--OUT-OF-SCHOOL AND OUT-OF-WORK, A STUDY OF EMPLOYMENT AND EDUCATION OF TEENAGERS AND YOUNG ADULTS. REPORT.
ED 020 956

NEW YORK STATE EDUCATION DEPT., ALBANY
EXTENDED SCHOOL YEAR DESIGNS--AN INTRODUCTION TO NEW PLANS OF SCHOOL ORGANIZATION WHICH CAN RESULT IN FINANCIAL ECONOMIES AND PROVIDE MORE EDUCATION FOR ALL PUPILS.
ED 020 587

INTEGRATION AND THE SCHOOLS, A STATEMENT OF POLICY AND RECOMMENDATIONS. POSITION PAPER NO. 3.
ED 021 005

SETTING THE STAGE FOR LENGTHENED SCHOOL YEAR PROGRAMS--A SPECIAL REPORT PREPARED FOR THE GOVERNOR AND THE LEGISLATURE OF THE STATE OF NEW YORK.
ED 020 578

NEW YORK STATE INTERDEPT. COMM. ON FARM LABOR
ALBANY (FULL NAME - NEW YORK STATE INTERDEPARTMENTAL COMMITTEE ON FARM AND FOOD PROCESSING LABOR.)
NEW YORK STATE INTERDEPARTMENTAL COMMITTEE ON FARM AND FOOD PROCESSING LABOR. 1967 REPORT.
ED 020 849

NEW YORK UNIV., N.Y.
DEVELOPING A THEORY OF EDUCATIONAL PRACTICE FOR THE ELEMENTARY SCHOOL. PROJECT REPORT TO THE FORD FOUNDATION FUND FOR THE ADVANCEMENT OF EDUCATION.
ED 020 564

RESPONSE TO VARYING LEVELS OF CONDITIONING REWARDS. FINAL REPORT.
BR-6-1625 ED 020 803

NEW YORK UNIV., N.Y., SCH. OF CONTINUING EDUCATION
(FULL NAME - SCH. OF CONTINUING EDUCATION AND EXTENSION SERVICES.)
ASSOCIATE IN ARTS DEGREE PROGRAM FOR ADULTS.
ED 020 732

NEW YORK UNIV., N.Y., SCH. OF EDUCATION
CULTURAL AND SOCIOLOGICAL FACTORS RELATING TO LEARNING DEVELOPMENT. FINAL REPORT.
BR-6-8636 ED 020 550

INFLUENCES OF CULTURAL PATTERNS ON THE THINKING OF CHILDREN IN CERTAIN ETHNIC GROUPS, A STUDY OF THE EFFECT OF JEWISH SUB-CULTURE ON THE FIELD-DEPENDENCE-INDEPENDENCE DIMENSION OF COGNITION.
ED 020 796

NORTH CAROLINA UNIV., GREENSBORO
PROGRAMED INSTRUCTION AND THE DEMONSTRATION METHOD OF TEACHING AT THE JUNIOR HIGH LEVEL. FINAL REPORT.
BR-5-1042 ED 020 680

NORTHERN ILLINOIS UNIV., DE KALB
COLLEGE OF BUSINESS
ILLINOIS VALLEY COMMUNITY COLLEGE OCCUPATIONAL SURVEY, A COOPERATIVE ARRANGEMENT PROGRAM UNDER TITLE III OF THE HIGHER EDUCATION ACT OF 1965,THE
ED 020 715

NORWALK BOARD OF EDUCATION, CONN.
DEVELOPING A THEORY OF EDUCATIONAL PRACTICE FOR THE ELEMENTARY SCHOOL. PROJECT REPORT TO THE FORD FOUNDATION FUND FOR THE ADVANCEMENT OF EDUCATION.
ED 020 564

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EVALUATION STUDY OF THE COLLEGE FACILITIES PROGRAM. FINAL REPORT.,AN
ED 020 627

EXPLORATORY STUDY OF THE RELATIONSHIP BETWEEN HIGH SCHOOL BUILDING DESIGN AND STUDENT LEARNING. FINAL REPORT.,AN
ED 020 632

PROJECTIONS OF PUBLIC SCHOOL FACILITIES NEEDS, 1968-69 THROUGH 1972-73.
ED 020 649

SPEAK UP, CHICANO.
ED 020 816

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
BUREAU OF RESEARCH
ERIC--DEVELOPMENT THROUGH JUNE, 1968.
ED 020 450

EVALUATION OF ERIC, JUNE 1968.
ED 020 449

LIBRARY SERVICES FOR THE NATION'S NEEDS, TOWARD FULLFILLMENT OF A NATIONAL POLICY. REPORT OF THE NATIONAL ADVISORY COMMISSION ON LIBRARIES.
ED 020 446

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
DIV. OF VOCATIONAL AND TECHNICAL EDUCATION
INDUSTRIAL RADIOGRAPHY INSTRUCTOR'S GUIDE.
OE-84034 ED 020 901

OHIO COUNCIL ON ADVANCED PLACEMENT, COLUMBUS
ADVANCED PLACEMENT IN OHIO.
ED 020 589

OHIO STATE DEPT. OF EDUCATION, COLUMBUS
DIV. OF SPECIAL EDUC.
ADVANCED PLACEMENT IN OHIO.
ED 020 589

OHIO STATE LIBRARY BOARD, COLUMBUS
SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD.
ED 020 756

SURVEY OF OHIO LIBRARIES AND STATE LIBRARY SERVICES. A REPORT TO THE STATE LIBRARY BOARD. APPENDIX.
ED 020 757

OHIO STATE UNIV., COLUMBUS, CENTER FOR VOC. EDUC.
(FULL NAME - CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.)
NATIONAL PROGRAM DEVELOPMENT INSTITUTES IN TECHNICAL EDUCATION, SUMMER 1967, A COMPILATION OF SELECTED PRESENTATIONS AND INSTRUCTIONAL MATERIALS. LEADERSHIP 16.
ED 021 069

WORKER ADJUSTMENT--YOUTH IN TRANSITION FROM SCHOOL TO WORK, AN ANNOTATED BIBLIOGRAPHY OF RECENT LITERATURE. BIBLIOGRAPHY 2.
ED 021 070

OHIO STATE UNIV., COLUMBUS, DEPT. OF AGR. EDUC.
MANAGERIAL PERCEPTION AND SUCCESS IN FARMING, FINAL CHAPTER AND APPENDICES OF A PH.D. DISSERTATION. RESEARCH SERIES IN AGRICULTURAL EDUCATION.
ED 021 057

OHIO STATE UNIV., COLUMBUS, EDUC. RES. MANAGE.CTR.
REFERENCES ON NETWORK PLANNING IN EDUCATION, RESEARCH MANAGEMENT, PROJECT SELECTION, AND PROGRAM MANAGEMENT. (TITLE SUPPLIED).
ED 020 580

OHIO STATE UNIV., COLUMBUS, RESEARCH FOUNDATION
DEVELOPMENTAL CONFERENCE TO ESTABLISH GUIDELINES FOR PILOT PROGRAMS FOR TEACHING THE CONCEPTS OF ART APPRECIATION WHICH ARE BASIC IN THE GENERAL EDUCATION OF ALL PUBLIC SCHOOL STUDENTS. FINAL REPORT.,A
BR-6-1180 ED 020 937

OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION
OKLAHOMA CITY
CAPITAL IMPROVEMENTS PROGRAM FOR THE OKLAHOMA STATE SYSTEM OF HIGHER EDUCATION, 1965-75. PHASE TWO.
ED 020 641

OPERATION PEP, BURLINGAME, CALIF.
DESIGN CONSIDERATIONS FOR THE INSTRUCTIONAL PROGRAM OF OPERATION PEP.
DPSC-67-4410 ED 020 586

OPERATION PEP--A STATE-WIDE PROJECT TO PREPARE EDUCATIONAL PLANNERS FOR CALIFORNIA.
DPSC-67-4410 ED 020 584

SYSTEM APPROACH FOR SOLVING EDUCATIONAL PROBLEMS.,A
DPSC-67-4410 ED 020 585

OREGON COLL. OF EDUCATION, MONMOUTH
STUDY TO DETERMINE THE FEASIBILITY OF ADAPTING THE CARL ORFF APPROACH TO ELEMENTARY SCHOOLS IN AMERICA. FINAL REPORT.
BR-5-8263 ED 020 804

OREGON STATE SYSTEM OF HIGHER EDUCATION, CORVALLIS
DIV. OF CONTINUING EDUCATION
COMMUNITY JUNIOR COLLEGE, A BIBLIOGRAPHY.
ED 020 724

OREGON STATE UNIV., CORVALLIS
EFFECT OF AN INTEGRATED INSTRUCTIONAL COUNSELING PROGRAM TO IMPROVE VOCATIONAL DECISION-MAKING OF COMMUNITY COLLEGE YOUTH. FINAL REPORT.
BR-5-0154 ED 021 132

OREGON UNIV., EUGENE
STUDY OF INFORMAL GROUP ACTIVITY WITHIN A COMMUNITY'S EDUCATIONAL ARENA.,A
ED 020 474

PALO ALTO UNIFIED SCHOOL DISTRICT, CALIF.
CONFERENCE SUMMARY--FROM THEORY TO PRACTICE. THE DESCRIPTION AND DEMONSTRATION OF A GUIDANCE PROGRAM IN ONE DISTRICT K-12.
ED 020 535

PENNSYLVANIA STATE DEPT. OF PUBLIC INSTRUCTION
HARRISBURG
PROCEDURE FOR REQUESTING APPROVAL OF SCHOOL BUILDING PROJECTS.
BSC-413-REV ED 020 646

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK
DEPT. OF VOCATIONAL EDUCATION
EDUCATION AND EMPLOYMENT OF TECHNICIANS. INTERIM REPORT.,THE
BR-5-0085 ED 021 131

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK
(FORMERLY NAMED PENNSYLVANIA STATE COLL. - 1953.)
IMPACT OF PL 89-10 TITLE I ACTIVITIES ON THE READING COMPETENCE OF ELEMENTARY AND SECONDARY SCHOOL LEARNERS. FINAL REPORT.,THE
OE-6-99-162 ED 020 862

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK
DIV. OF ACADEMIC RESEARCH AND SERVICES
FACULTY OFFICE STUDY. DESIGN AND EVALUATION.,A
ED 020 622

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK
DIV. OF INSTRUCTIONAL SERVICES
STUDY OF THE RELATIVE EFFECTIVENESS OF VARIED VISUAL ILLUSTRATIONS. FINAL REPORT.,A
BR-6-8840 ED 020 658

PENNSYLVANIA UNIV., PHILADELPHIA,EDUC.RES.-SVC.BUR
(FULL NAME - EDUCATIONAL RESEARCH AND SERVICE BUR)
EDUCATIONAL ADMINISTRATION AND THE IMPROVEMENT OF INSTRUCTION.
ED 020 576

PENNSYLVANIA UNIV., PHILADELPHIA,MOORE SCH.OF ELEC
(FULL NAME - MOORE SCHOOL OF ELECTRICAL ENG.)
EASY ENGLISH, A LANGUAGE FOR INFORMATION RETRIEVAL THROUGH A REMOTE TYPEWRITER CONSOLE.
ED 020 759

PENNSYLVANIA UNIV., PHILADELPHIA,UNIV.PLAN.OFFICE
LARGE LECTURE SECTION QUESTIONNAIRE. SUMMARY OF RESPONSES.
ED 020 640

PHILADELPHIA COMMISSION ON HUMAN RELATIONS, PA.
STATEMENT OF CONCERN FOR PUBLIC EDUCATION IN PHILADELPHIA, WITH PARTICULAR REFERENCE TO THE SPECIAL NEEDS OF CHILDREN IN UNDERPRIVILEGED, SEGREGATED AREAS.,A
ED 020 950

PHILADELPHIA PUBLIC SCHOOLS, PA.
EVERY CHILD, THE STORY OF INTEGRATION IN THE PHILADELPHIA PUBLIC SCHOOLS.,FOR
ED 020 951

PITTSBURGH UNIV., PA., LEARNING RES. AND DEV. CTR.
EVALUATING TEACHER FUNCTIONS.
WP-17 ED 020 573

POLK COUNTY BOARD OF PUBLIC INSTRUCTION, FLA.
COMPREHENSIVE STUDY FOR THE MASTER DEVELOPMENT PLAN, POLK JUNIOR COLLEGE, WINTER HAVEN, FLORIDA.,A
ED 020 635

PRESIDENTS TASK FORCE ON MANPOWER CONSERVATION
WASHINGTON, D.C.
ONE-THIRD OF A NATION, A REPORT ON YOUNG MEN FOUND UNQUALIFIED FOR MILITARY SERVICE.
ED 021 045

PURDUE UNIV., LAFAYETTE, IND., DIV. OF EDUCATION
VOCATIONAL AGRICULTURE TEACHER MORALE STUDY--A COMPARISON OF SELECTED FACTORS IN SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "HIGH" WITH SCHOOLS WHERE THE MORALE OF VOCATIONAL AGRICULTURE TEACHERS IS "LOW".
ED 021 043

RESEARCH COUN OF GR. CITIES PROG. FOR SCH. IMPROV.
CHICAGO, ILL
NEW LIFE FOR OLD SCHOOLS. REPORT OF A WORKSHOP FOR REPRESENTATIVES OF THE GREAT CITIES IN RELATION TO THE SPRING CONFERENCE OF THE RESEARCH COUNCIL OF THE GREAT CITIES PROGRAM FOR SCHOOL IMPROVEMENT, (NEW YORK, MAY 1, 1965).
ED 020 618

RICHARDSON FOUNDATION, GREENSBORO, N.C.
CREATIVITY RESEARCH INSTITUTE
ANALYSIS OF PATTERNS OF LIFE HISTORY ANTECENDENTS OF EXECUTIVES FROM DIFFERENT COUNTRIES.
ED 020 547

REVIEW OF RESEARCH ON THE WELSH FIGURE PREFERENCE TEST.,A
ED 020 546

RICHMOND PUBLIC SCHOOLS, VA.
INTER-RACIAL IN-SERVICE PROGRAM DESIGNED TO INCREASE THE EDUCATIONAL OPPORTUNITIES OF THE CHILDREN IN THE RICHMOND PUBLIC SCHOOLS. FINAL REPORT SEPTEMBER 19, 1966-OCTOBER 31, 1967.
ED 020 997

RICHMOND UNIV., VA.
SURVEY OF PUBLIC SCHOOL ADULT GUIDANCE SERVICES IN FIFTY CITIES.,A
ED 020 484

RICKS AND KENDRICK, FORT WALTON BEACH, FLA.
DEVELOPMENT PROSPECTUS. THE ART OF THE POSSIBLE.
ED 020 634

ROCHESTER UNIV., N.Y.
DEVELOPMENTAL LEVEL AND VOCATIONAL INTERESTS (SVIB).
ED 020 543

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J.
EARLY IDENTIFICATION AND MITIGATION OF LEARNING PROBLEMS, ANNUAL SYMPOSIUM (3RD, NEW BRUNSWICK, NEW JERSEY, MAY 19, 1967).
ED 020 602

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J.
GRADUATE SCHOOL OF LIBRARY SERVICE
LIBRARY SERVICES IN NEW JERSEY STATE INSTITUTIONS, A SURVEY WITH RECOMMENDATIONS.
ED 020 763

SAN MATEO COLL., CALIF.
STUDY OF THE BUSINESS AND INDUSTRIAL MANAGEMENT PROGRAMS AT COLLEGE OF SAN MATEO.,A
CSM-RR-1968-3 ED 020 740

SANTA CLARA COUNTY OFFICE OF EDUC.,SAN JOSE, CALIF
TV EQUIPMENT, SYSTEMS, FACILITIES, AND PERSONNEL--A GUIDE FOR SCHOOL ADMINISTRATORS, A STUDY PREPARED FOR THE CALIFORNIA PUBLIC SCHOOLS INSTRUCTIONAL TV COMMITTEE.
ED 020 670

SANTA CRUZ UNIV., CALIF.,OFF.OF INSTRUCTIONAL SVCS
INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS. SUPPLEMENT, INSTRUCTIONAL DESIGN, RECORDED INSTRUCTION AND FACULTY INTERESTS WITHIN THE UNIVERSITY OF CALIFORNIA. OCCASIONAL PAPER NO. 2.
ED 020 682

SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE
WASHINGTON, D.C.
NOTES AND WORKING PAPERS CONCERNING THE ADMINISTRATION OF PROGRAMS AUTHORIZED UNDER VOCATIONAL EDCATION ACT OF 1963. PUBLIC LAW 88-210, AS AMENDED.
ED 021 151

SEX INFORMATION AND EDUC. COUNCIL OF UNITED STATES
NEW YORK, N.Y.
INDIVIDUAL, SOCIETY AND SEX. BACKGROUND READINGS FOR SEX EDUCATORS.,THE
BR-7-0294 ED 020 448

SIERRA COLL., ROCKLIN, CALIF.
SURVEY OF LIBRARY PERSONNEL IN SIERRA COLLEGE EMPLOYMENT AREA.
ED 020 716

SOGANG JESUIT COLLEGE, SEOUL (SOUTH KOREA)
FACT SHEET CONCERNING CLOSED CIRCUIT INSTRUCTIONAL TELEVISION FOR ENGLISH LANGUAGE TEACHING.,A
ED 020 490

SOMERSET EMPLOYMENT SERVICE, KY.
STUDY OF FACTORS ASSOCIATED WITH OUTCOMES OF MDTA AGRICULTURAL EDUCATION PROJECTS IN THE SOMERSET AREA. FINAL REPORT.,A
ED 021 130

SOUTH CAROLINA UNIV., COLUMBIA
REGIONAL EVALUATION AND RESEARCH CENTER FOR PROJECT HEAD START, SUPPLEMENTARY RESEARCH REPORT, SEPTEMBER 1, 1967-DECEMBER 31, 1967.
IED-66-1-11 ED 020 791

SOUTHERN EDUCATION REPORTING SER., NASHVILLE, TENN
INNER-CITY SCHOOLS ARE ONE BIG LAB.
ED 021 015

SLUM-AREA SCHOOL FACES ITS PROBLEMS WITH A DIFFERENCE.,A
ED 021 016

SOUTHERN ILLINOIS UNIV., EDWARDSVILLE
STUDY OF A MEASUREMENT RESOURCE IN CHILD RESEARCH, PROJECT HEAD START.,A
OEO-2452 ED 020 790

SOUTHERN REGIONAL EDUCATION BOARD, ATLANTA, GA.
MENTALLY RETARDED IN PSYCHIATRIC HOSPITALS. THE SOUTHERN REGIONAL CONFERENCE ON MENTAL HEALTH STATISTICS.,THE
ED 020 594

SOUTHERN UNIV. AND AG.AND MECHANICAL COLL.
BATON ROUGE, LA.
REGIONAL EVALUATION AND RESEARCH CENTER FOR HEAD START, SOUTHERN UNIVERSITY. ANNUAL REPORT.
ED 020 792

SOUTHWEST REGIONAL EDUC. LAB., INGLEWOOD, CALIF.
EXPERIMENTS IN KINDERGARTEN READING.
BR-6-2865 ED 020 873

SPEECH ASSN. OF AMERICA, NEW YORK, N.Y.
FIELD OF SPEECH, ITS PURPOSES AND SCOPE IN EDUCATION.,THE
ED 020 927

SPRINGFIELD SCHOOL DISTRICT NO. 186, ILL.
EXPERIMENTAL PROGRAM IN VOCATIONAL EDUCATION. FINAL REPORT.,AN
ED 021 048

STANFORD UNIV., CALIF.INST. FOR COMMUN. RES.
PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 1, THE PROJECT AS A WHOLE--ORGANIZATION, ADAPTATION, AND EXPANSION.,THE
ED 020 663

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 2, THE PROJECT'S FIRST SEMESTER--PUPIL ACHIEVEMENT, TEACHER ATTITUDES, AND THE WORK OF THE UTILIZATION VOLUNTEER.,THE
ED 020 664

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 3, IMPROVING THE EFFECTIVENESS OF THE UTILIZATION VOLUNTEER AND THE UTILIZATION OF ETV BY THE COLOMBIAN TEACHER.,THE
ED 020 665

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 4, THE COLOMBIAN TEACHER AND THE UTILIZATION VOLUNTEER--MAKING ETV WORK IN THE SCHOOLS OF A DEVELOPING COUNTRY.,THE
ED 020 666

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 6, INSTRUCTIONAL TELEVISION FOR THE IN-SERVICE TRAINING OF THE COLOMBIAN TEACHER.,THE
ED 020 667

PEACE CORPS EDUCATIONAL TELEVISION (ETV) PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 8, THE TELEVISED CURRICULUM AND THE COLOMBIAN TEACHER.,THE
ED 020 668

PEACE CORPS EDUCATIONAL TELEVISION PROJECT IN COLOMBIA--TWO YEARS OF RESEARCH. RESEARCH REPORT NO. 10, FEEDBACK TO THE PEACE CORPS ON PROJECT PROGRESS--SOME MODELS AND SUGGESTIONS.,THE

ED 020 669

STANFORD UNIV., CALIF. INST. FOR MATH. STUDIES

(FULL NAME - INST. FOR MATHEMATICAL STUDIES IN SOCIAL SCIENCE.)
LINEAR STRUCTURAL MODELS FOR RESPONSE AND LATENCY PERFORMANCE IN ARITHMETIC. PSYCHOLOGY SERIES, TECHNICAL REPORT NO. 100.
ED 020 683

SOME QUANTITATIVE STUDIES OF RUSSIAN CONSONANT PHONEME DISCRIMINATION. PSYCHOLOGY SERIES.
NDEA-6-92 ED 020 496

STANFORD UNIV., CALIF., STANFORD CTR. FOR R. AND D

(FULL NAME - STANFORD CENTER FOR RESEARCH AND DEVELOPMENT IN TEACHING.)
PARADIGM FOR EXPERIMENTAL MODIFICATION OF THE EFFECTS OF TEST ANXIETY ON COGNITIVE PROCESSES.,A
BR-5-0252 ED 020 549

STATE UNIV. OF N.Y., ALBANY

FEASIBILITY STUDY TO DETERMINE NEED AND FUNCTION OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT PUBLICATIONS. FINAL REPORT.,A
BR-6-8645 ED 020 765

INTEGRATION AND THE SCHOOLS, A STATEMENT OF POLICY AND RECOMMENDATIONS. POSITION PAPER NO. 3.
ED 021 005

NEW YORK STATE MIGRANT EDUCATION PROGRAM.
ED 020 848

STATE UNIV. OF N.Y., BUFFALO, DEPT.OF EDUC. ADMIN.

METROPOLITAN SHARING, A SURVEY OF PRESENT PRACTICES AND ATTITUDES IN THE SCHOOLS OF THE NIAGARA FRONTIER. A REPORT FROM PROJECT INNOVATION.
ED 021 021

STATE UNIV. OF N.Y., ITHACA

AGRICULTURAL EDUC. DIV. AT CORNELL UNIV. (CORNELL UNIV., ITHACA, N.Y., AGR. EDUC. DIV.
COMPUTER AS AN AID TO INSTRUCTION AND GUIDANCE IN THE SCHOOL.,THE
ED 020 529

SUFFOLK COUNTY COMMUNITY COLL., SELDEN, N.Y.

FOLLOW UP STUDY OF CAREER-ORIENTED CURRICULUMS 1968--PHASE I, JOB ENTRY OR TRANSFER.
ED 020 739

SWEDISH NATIONAL BOARD OF EDUCATION, STOCKHOLM

INSTRUCTIONAL METHODS, GERMAN.
ED 020 710

SWEETWATER UNION HIGH SCHOOL, CHULA VISTA, CALIF.

STRUCTURAL COURSE FOR VOCATIONAL ENGLISH.,A
ED 020 817

SYRACUSE UNIV., N.Y.

VARIABLES AFFECTING THE PERFORMANCE OF YOUNG CHILDREN ON A LETTER DISCRIMINATION TASK.
ED 020 797

SYRACUSE UNIV.,N.Y.CONT.EDUC.CTR.FO THE PUB.SERV.

ADULT LEARNING SEMINAR, PROCEEDINGS (SYRACUSE UNIVERSITY, NEW YORK, JUNE 12-16, 19670.
ED 020 482

SYRACUSE UNIV., N.Y., LIBRARY OF CONTINUING EDUC.

ADULT EDUCATION INFORMATION SERVICES, ESTABLISHMENT OF A PROTOTYPE SYSTEM FOR A NATIONAL ADULT EDUCATION LIBRARY AND APPENDICES. THREE PARTS.
PROJ-D-152 ED 020 489

DIRECTORY OF ADULT EDUCATION ORGANIZATIONS, 1968.
ED 020 488

SYSTEM DEVELOPMENT CORP., SANTA MONICA, CALIF.

COMPUTER-BASED LABORATORY FOR AUTOMATION IN SCHOOL SYSTEMS.,A
SP-256-000-01 ED 020 684

TENNESSEE TECHNOLOGY UNIV., COOKEVILLE

OPERATION PEBBLE. SUMMARY REPORT.
ED 020 839

TEXAS EDUCATION AGENCY, AUSTIN

IMPROVING EDUCATIONAL OPPORTUNITIES OF THE MEXICAN-AMERICAN, PROCEEDINGS OF THE TEXAS CONFERENCE FOR THE MEXICAN-AMERICAN (1ST, SAN ANTONIO, APRIL 13-15, 1967).
ED 020 819

WHAT DO WE KNOW ABOUT FOREIGN LANGUAGE INSTRUCTION.
TEA-BULL-621 ED 020 700

TEXAS EDUCATION AGENCY, AUSTIN, IND. EDUC. DIV.

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, ASSIGNMENTS.
ED 021 027

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, INSTRUCTOR'S GUIDE.
ED 021 028

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, INSTRUCTOR'S GUIDE.
ED 021 022

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. BASIC CONTROL FUNCTIONS, UNIT 9A.
ED 021 023

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS. UNIT 9 B, ASSIGNMENTS.
ED 021 024

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9B, INSTRUCTOR'S GUIDE.
ED 021 025

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. REMOTE CONTROL BY INDUSTRIAL TELEMETRY. UNIT 9C.
ED 021 026

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, ASSIGNMENTS.
ED 021 029

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, INSTRUCTOR'S GUIDE.
ED 021 030

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, ASSIGNMENTS.
ED 021 031

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, INSTRUCTOR'S GUIDE.
ED 021 032

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, ASSIGNMENTS.
ED 021 033

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, ASSIGNMENTS.
ED 021 034

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, INSTRUCTOR'S GUIDE.
ED 021 035

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, ASSIGNMENTS.
ED 021 036

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, INSTRUCTOR'S GUIDE.
ED 021 037

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, ASSIGNMENTS.
ED 021 038

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, INSTRUCTOR'S GUIDE.
ED 021 039

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, COMPUTERIZED CONTROL SERIES. LOGICAL FUNDAMENTALS OF DIGITAL COMPUTERS. UNIT 10A.
ED 021 065

TEXAS LIBRARY AND HISTORICAL COMMISSION, AUSTIN

PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
ED 020 760

TEXAS LIBRARY ASSOCIATION

PROCEEDINGS OF THE FIRST TEXAS CONFERENCE ON LIBRARY MECHANIZATION (AUSTIN, MARCH 23-24, 1966). MONOGRAPH NO. 6.
ED 020 760

TEXAS UNIV., AUSTIN

DEVELOPMENT OF DIFFERENTIATED CURRICULA FOR ABILITY GROUPED BIOLOGY CLASSES, INCLUDING TEACHER TRAINING AND PROGRAM EVALUATION.,THE
ED 020 882

TEXAS UNIV., AUSTIN, DEPT. OF IND. EDUC.

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, ASSIGNMENTS.
ED 021 027

BASIC MATHEMATICS FOR ELECTRICITY, ELECTRICAL, AND ELECTRONIC CONTROL. UNIT 1, INSTRUCTOR'S GUIDE.
ED 021 028

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, INSTRUCTOR'S GUIDE.
ED 021 022

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. BASIC CONTROL FUNCTIONS, UNIT 9A.
ED 021 023

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS. UNIT 9 B, ASSIGNMENTS.
ED 021 024

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. MAGNETIC AMPLIFIERS, UNIT 9B, INSTRUCTOR'S GUIDE.
ED 021 025

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, STATIC CONTROL SERIES. REMOTE CONTROL BY INDUSTRIAL TELEMETRY. UNIT 9C.
ED 021 026

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, ASSIGNMENTS.
ED 021 029

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 2, INSTRUCTOR'S GUIDE.
ED 021 030

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, ASSIGNMENTS.
ED 021 031

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 3, INSTRUCTOR'S GUIDE.
ED 021 032

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. BASIC ELECTRICITY, UNIT 4, ASSIGNMENTS.
ED 021 033

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, ASSIGNMENTS.
ED 021 034

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART I, UNIT 5, INSTRUCTOR'S GUIDE.
ED 021 035

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, ASSIGNMENTS.
ED 021 036

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. A-C CONVENTIONAL MAGNETIC MOTOR CONTROL, PART II, UNIT 6, INSTRUCTOR'S GUIDE.
ED 021 037

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, ASSIGNMENTS.
ED 021 038

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL. D-C MAGNETIC MOTOR CONTROL, UNIT 7, INSTRUCTOR'S GUIDE.
ED 021 039

ELECTRICAL AND ELECTRONIC INDUSTRIAL CONTROL, COMPUTERIZED CONTROL SERIES. LOGICAL FUNDAMENTALS OF DIGITAL COMPUTERS. UNIT 10A.
ED 021 065

THE PSYCHOLOGICAL CORP., NEW YORK, N.Y.

NEW YORK CITY BOARD OF EDUCATION-FORD FOUNDATION CORRELATED CURRICULUM PROJECT, 1966-67. PILOT EVALUATION REPORT.
ED 020 583

TOLEDO PUBLIC SCHOOLS, OHIO

CAPIC--FIRST YEAR REPORT, SEPTEMBER 1967.
RPS-PROJ-66-2012 ED 020 606

TULANE UNIV. OF LOUISIANA, NEW ORLEANS

HEAD START EVALUATION AND RESEARCH CENTER, TULANE UNIVERSITY. FINAL REPORT. (TITLE SUPPLIED).
IED-66-1-13 ED 020 782

UNIVERSIDAD NACIONAL DE TRUJILLO (PERU)

FACULTAD DE LETRAS Y EDUCACION
RUNNING A LANGUAGE LABORATORY.
ED 020 505

THEORY TO PRACTICE--SOME CRITICAL OBSERVATIONS ON THE ORGANIZATION AND ASSESSMENT OF TEACHING PRACTICE FOR PROSPECTIVE ENGLISH LANGUAGE TEACHERS,FROM
ED 020 493

UNIVERSITY COUNCIL FOR EDUCATIONAL ADMINISTRATION

COLUMBUS, OHIO
PLANNED CHANGE--A SELECTED BIBLIOGRAPHY.
BR-5-0993 ED 020 569

UNIVERSITY OF NORTHERN IOWA, CEDAR FALLS

DEPT. OF BUSINESS AND BUSINESS EDUCATION
SERVICE EDUCATION OF OFFICE OCCUPATIONS TEACHER-COORDINATORS. FINAL REPORT,IN-
BR-7-0542. ED 021 137

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES

DEPT. OF MECHANICAL ENGINEERING
RESEARCH IN CLASSROOM THERMAL ENVIRONMENT AT GARDENHILL SCHOOL IN LA MIRADA, CALIFORNIA.
ED 020 620

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES

SCHOOL OF EDUCATION
FIVE-FOOT SHELF BIBLIOGRAPHY ON NEW MEDIA AND INSTRUCTIONAL TECHNOLOGY.
ED 020 650

MEDIATED DIALOGUE, AN ACCOUNT OF THE EXPERIMENTAL NATIONAL MEDIA INSTITUTES IN THE ACADEMIC DISCIPLINES,THE
ED 020 651

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES

SCHOOL OF PERFORMING ARTS
INDEX TO 35MM EDUCATIONAL FILMSTRIPS.
ED 020 678

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES

YOUTH STUDIES CENTER
INTRA-FAMILY RELATIONSHIPS AND ADOLESCENT SCHOOL ADJUSTMENT. FINAL REPORT.
BR-5-8096 ED 020 555

UTAH RESEARCH COORD. UNIT FOR VOCAT.AND TECH.EDUC.

SALT LAKE CITY

ANALYSIS OF QUESTIONNAIRE COMPLETED BY UTAH VOCATIONAL DIRECTORS.
BR-6-3046 ED 021 041

DEPTH STUDY TO ASCERTAIN WHETHER THERE IS A NEED IN THE STATE OF UTAH FOR A POST HIGH SCHOOL PROGRAM IN ORNAMENTAL HORTICULTURE,AN IN-
BR-6-3046 ED 021 062

DISTRIBUTIVE EDUCATION CURRICULUM AS EVALUATED BY BUSINESSMEN AND DISTRIBUTIVE EDUCATION STUDENTS OF UTAH. FINAL REPORT,THE
BR-6-3046 ED 021 135

INSERVICE TRAINING FOR VOCATIONAL TEACHERS IN UTAH. FINAL REPORT.
BR-6-3046 ED 021 128

OPINION OF EDUCATORS ON BLOCK-TIME VOCATIONAL BUSINESS AND OFFICE PRACTICE CLASSES. FINAL REPORT.
BR-6-3046 ED 021 136

PILOT PROGRAM TO TEST THE FEASIBILITY OF INCREASING THE NUMBER OF VOCATIONAL AND TECHNICAL EDUCATION SCHOLARSHIPS IN TOOELE COUNTY, UTAH. FINAL REPORT,A
ED 021 060

PRIDE OF PERFORMANCE SURVEY. FINAL REPORT.
BR-6-3046 ED 021 040

QUANTITATIVE STUDY--AIRCRAFT INDUSTRY EMPLOYMENT NEEDS IN UTAH, COLORADO AND NEVADA. FINAL REPORT.
BR-6-3046 ED 021 129

SURVEY OF COMMERCIAL ARTS CURRICULUM. FINAL REPORT.
BR-6-3046 ED 021 042

UTAH MANPOWER DEVELOPMENT AND TRAINING ACT (MDTA) SCHOOLS ASSESSMENT.
BR-6-3046 ED 021 061

V.I.E.W., VOCATIONAL INFORMATION FOR EDUCATION AND WORK.
BR-6-3046 ED 021 068

VOCATIONAL SCHOLARSHIPS, FINANCIAL AIDS AVAILABLE TO STUDENTS PURSUING VOCATIONAL OR TECHNICAL TRAINING IN NON-BACCALAUREATE PROGRAMS AT UTAH POST-SECONDARY SCHOOLS.
BR-6-3046 ED 021 051

UTAH STATE DEPT. OF EMPLOYMENT SECURITY

SALT LAKE CITY
V.I.E.W., VOCATIONAL INFORMATION FOR EDUCATION AND WORK.
ED 021 068

UTAH UNIV., SALT LAKE CITY

EFFECTIVENESS OF FILM IN CHANGING PARENTAL ATTITUDES. FINAL REPORT.
BR-6-1638 ED 020 659

UTAH UNIV., SALT LAKE CITY, DEPT. OF PSYCHOLOGY

EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND CREATIVE ABILITIES.
ED 020 544

VIRGINIA MODERN FOREIGN LANGUAGE ASSN.

DIFFICULTIES ASSOCIATED WITH RESEARCH ON FOREIGN LANGUAGE LEARNING.
ED 020 694

VIRGINIA STATE EDUCATION STUDY COMMISSION,RICHMOND

EXTENSION SERVICES, TELEVISION INSTRUCTION, AND RESEARCH IN VIRGINIA'S INSTITUTIONS OF HIGHER EDUCATION. STAFF REPORT NO. 7.
SR-7 ED 020 461

VIRGINIA UNIV., CHARLOTTESVILLE, SCH. OF EDUC.
PERSONALITY VARIABLE OF PREADOLESCENT YOUTH IN RELATION TO THE ELEMENTARY SCHOOL PROGRAM. FINAL REPORT.,A
BR-7-C-012 ED 020 551

WABASH VALLEY SUPPLEMENTARY EDUCATION CENTER
TERRE HAUTE, IND.
INNOVATIVE PROGRAM IN JUNIOR HIGH SCHOOL GENERAL MUSIC AND LISTENING IN THE CLASSROOM.
DPSC-66-451 ED 020 582

WASHINGTON RESEARCH COORD. UNIT FOR VOCAT. EDUC.
OLYMPIA
SOCIAL CHARACTERISTICS OF HIGH SCHOOL STUDENTS PLANNING TO PURSUE POST HIGH SCHOOL VOCATIONAL TRAINING. FINAL REPORT NO. 17.
ED 021 148

WASHINGTON STATE BOARD FOR VOCAT. EDUC., OLYMPIA
CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED IN SEVEN TYPES OF AGRICULTURAL PRODUCTION--GRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, AND GENERAL FARMING. REPORT NO. 27.
ED 021 067

WASHINGTON STATE COORD. COUNCIL FOR OCCUP. EDUC.
OLYMPIA
DEVELOPMENT AND TESTING OF AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO HELP STUDENTS ACQUIRE BASIC ELECTRICAL OCCUPATIONAL COMPETENCIES. FINAL REPORT NO. 19.,THE
BR-7-0031 ED 021 141

WASHINGTON STATE UNIV., PULLMAN
SURVEY AND ANALYSIS OF MAJOR TASKS, KNOWLEDGES ASSOCIATED WITH WORK IN CHILD CARE OCCUPATIONS. FINAL REPORT.,A
BR-7-0031 ED 021 066

WASHINGTON STATE UNIV., PULLMAN, DEPT. OF EDUC.
CLUSTERS OF TASKS PERFORMED BY WASHINGTON STATE FARM OPERATORS ENGAGED IN SEVEN TYPES OF AGRICULTURAL PRODUCTION--GRAIN, DAIRY, FORESTRY, LIVESTOCK, POULTRY, HORTICULTURE, AND GENERAL FARMING. REPORT NO. 27.
ED 021 067

DEVELOPMENT AND TESTING OF AN EXPERIMENTAL POLYSENSORY SELF-INSTRUCTIONAL SYSTEM DESIGNED TO HELP STUDENTS ACQUIRE BASIC ELECTRICAL OCCUPATIONAL COMPETENCIES. FINAL REPORT NO. 19.,THE
ED 021 141

WASHINGTON UNIV., ST. LOUIS, MO., DEPT. OF BIOLOGY
SOURCE MATERIALS FOR GENERAL AND HUMAN BIOLOGY. FINAL REPORT.
BR-5-1189 ED 020 913

WEST VIRGINIA UNIV., MORGANTOWN
ADULT EDUCATION IN HOMEMAKING IN UPSHUR COUNTY IN WEST VIRGINIA, EVALUATION OF INTERESTS AND NEEDS FOR ADULT HOMEMAKING EDUCATION IN UPSHUR COUNTY, 1960-1961.
ED 020 486

WESTERN MICHIGAN UNIV.,KALAMAZOO
FACILITIES AND EQUIPMENT FOR DISTRIBUTIVE EDUCATION PROGRAMS.
ED 020 647

WESTERN NEW YORK SCHOOL STUDY COUNCIL, BUFFALO
(SEPARATELY INCORPORATED NONPROFIT ORGANIZATION ASSOCIATED WITH STATE UNIV. OF N.Y. AT BUFFALO.)
INNOVATIVE PROGRAMS IN WESTERN NEW YORK SCHOOLS.
ED 021 020

WILLIAM RAINEY HARPER COLL., PALATINE, ILL.
FACULTY ORIENTATION BY A NEW COMMUNITY COLLEGE.
ED 020 717

WISCONSIN ASSN. OF SCHOOL BOARDS, WINNECONNE
CREATE A SCHOOL, A DESIGN FOR WORKING RELATIONSHIPS,TO
ED 020 619

WISCONSIN STATE DEPT.OF HEALTH AND SOCIAL SERVICES
MADISON
DELINQUENCY PRONE YOUTH--LONGITUDINAL AND PREVENTIVE RESEARCH, EAU CLAIRE COUNTY YOUTH STUDY, PHASE III, 1965-68.
2-R11-MH00672-07 ED 020 814

WISCONSIN STATE DEPT. OF PUBLIC WELFARE, MADISON
EAU CLAIRE COUNTY STUDY, PHASE II 1964-65.
NIMH-GNO-2-R11-672-04 ED 020 812

WISCONSIN UNIV., MADISON
FARTHER VISION, EDUCATIONAL TELEVISION TODAY.,THE
ED 020 672

WISCONSIN UNIV., MADISON, CAMPUS PLANNING COMM.
CARS ON CAMPUS. A REPORT ON CIRCULATION AND PARKING POLICIES FOR THE UNIVERSITY OF WISCONSIN CAMPUS, IN MADISON.
ED 020 625

WISCONSIN UNIV., MADISON, DEPT. OF AGR.uEXT. EDUC.
(FULL NAME - DEPT. OF AGRICULTURAL AND EXTENSION EDUC.)
ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.,THE
BULL-525 ED 020 836

RESTUDY OF THE ACCEPTANCE OF EDUCATIONAL PROGRAMS IN RURAL WISCONSIN.,A
BULL-582 ED 020 824

WISCONSIN UNIV., MADISON
RES. AND DEV. CTR. FOR COGNITIVE LEARNING
CONSENSUS AND CONFORMITY.
BR-5-0216 ED 020 552

INVESTIGATION INTO THE RELATIONSHIP BETWEEN CONCEPT ATTAINMENT AND LEVEL OF MATURITY.,AN
BR-5-0216 ED 020 912

LESSONS PLANS AND TESTS OF KNOWLEDGE, COMPREHENSION, AND APPLICATION FOR INSTRUCTION IN CONCEPTS OF FORCE, GRADES 2-6.
BR-5-0216 ED 020 907

RELATIONSHIPS BETWEEN CONCEPTS OF FORCE ATTAINED AND MATURITY AS INDICATED BY GRADE LEVELS,THE
BR-5-0216 ED 020 910

RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION IN TEACHING THE CLASSIFICATIONAL CONCEPTS OF PHYSICAL AND CHEMICAL CHANGE TO ELEMENTARY SCHOOL CHILDREN.,THE
BR-5-0216 ED 020 908

RESEARCH AND DEVELOPMENT ACTIVITIES IN R AND I UNITS OF TWO ELEMENTARY SCHOOLS OF MILWAUKEE, WISCONSIN, 1966-1967.
BR-5-0216 ED 020 911

TESTING FOR CONCEPTS OF ECOLOGICAL SYSTEMS.
BR-5-0216 ED 020 906

USE OF AN ADVANCE ORGANIZER IN TEACHING SELECTED CONCEPTS OF ECOLOGICAL SYSTEMS.,THE
BR-5-0216 ED 020 909

YALE UNIV., NEW HAVEN, CONN.
COGNITIVE PROCESSES IN THE DEVELOPMENT OF CHILDREN'S APPRECIATION OF HUMOR.
ED 020 784

OVERVIEW OF RESEARCH IN LEARNING, MOTIVATION, AND PERCEPTION.,AN
ED 020 799

YESHIVA UNIV., NEW YORK, N.Y.
COMMUNICATIVE COMPETENCE OF LOW-INCOME CHILDREN--ASSUMPTIONS AND PROGRAMS.
ED 020 775

Special note:
MATERIALS IN THIS SECTION CANNOT BE ORDERED FROM THE ERIC DOCUMENT REPRODUCTION SERVICE

project section

Special note:
Project descriptions are not available for purchase from EDRS

project résumés

SAMPLE ENTRY

Accession Number—an identification number sequentially assigned to project documents as they are processed.

Legislative Authority Code—a code for identifying the legislation which supported the research activity.

Title of the Research Project.

Investigator(s) — the individual(s) conducting the project.

Institutional Source—the organization responsible for the research activity.

Bureau Number—The project number assigned by the Bureau of Research, U.S. Office of Education.

Proposal Date—the date the proposal was submitted to the Bureau of Research.

Contract or Grant Number—contract numbers have OEC prefixes; grant numbers have OEG prefixes.

Descriptors—the subject terms assigned which characterize the substantive content of a project. Only the major terms, preceded by an asterisk, are printed in the subject index.

Start Date and End Date—the starting date and the anticipated ending date for the research project.

Informative Abstract—a synopsis of the project in about 200 words. When applicable, it includes the purpose and procedure of the research activity.

Abstractor's initials.

EP 011 005 24
A SMALL PROJECT RESEARCH PROPOSAL IN SECONDARY SCHOOL SCIENCE.
INVESTIGATOR, WALTON, GEORGE
WESTERN NEW MEXICO UNIV., SILVER CITY
BUREAU NUMBER BR-7-G-045
REGIONAL RESEARCH, OFFICE ASSOCIATE COMMISSIONER
NEW MEXICO CONGRESSIONAL DISTRICT NO. 2 AT LARGE
PROPOSAL DATE 29 MAR 67
GRANT OEG-7-8-000045-0020-010
DESCRIPTORS *CHEMISTRY INSTRUCTION, *CURRICULUM DEVELOPMENT, *SCIENCE EDUCATION, *SCIENTIFIC CONCEPTS, *SECONDARY SCHOOL SCIENCE, SCIENTIFIC PRINCIPLES,
START DATE 01-16-68 END DATE 04-30-68
A PROJECT TO PRODUCE A MODIFIED COURSE IN SECONDARY SCHOOL CHEMISTRY FOR THE ISOLATED MULTIETHNIC SCHOOLS OF SOUTHWESTERN NEW MEXICO WILL BE CONDUCTED TO COMPLETE THE PLANNING PHASE THAT HAS BEEN STARTED, TO DESIGN AND PRODUCE THE CURRICULUM CONTENT, AND TO CONDUCT A LIMITED FIELD TEST OF THE COURSE. THIS MODIFIED COURSE IS INTENDED TO (1) IMPART AN UNDERSTANDING OF CHEMISTRY TO THE NON-SCIENCE MAJOR STUDENT, WHETHER COLLEGE BOUND OR NOT, (2) BE A COURSE THAT LARGE NUMBERS OF STUDENTS WILL WANT TO TAKE, (3) MINIMIZE THE EFFECTS OF LANGUAGE BARRIERS AND REFERENT CONFUSION ARISING FROM ISOLATION, AND (4) IMPART TO THE STUDENTS AN ATTITUDE OF INQUIRY. AN EFFORT WILL BE MADE TO INTEGRATE OTHER SUBJECTS, APPLICATIONS, AND TECHNIQUES INTO THE COURSE IN CHEMISTRY. MATERIAL SELECTED WILL BE LIMITED TO FACTS AND PRESENTATIONS THAT DEVELOP CONCEPTS AND UNDERSTANDINGS. HISTORICAL DEVELOPMENT WILL BE ELIMINATED AND THE THEORY PRESENTED WILL BE SIMPLIFIED, BASIC, AND MODERN. THIS PROJECT HAS THE ADDITIONAL OBJECTIVE OF TRAINING THE PRINCIPAL SPECIALIST IN THE METHODOLOGY OF EDUCATIONAL RESEARCH. (AL)

MATERIALS IN THIS SECTION CANNOT BE ORDERED FROM THE ERIC DOCUMENT REPRODUCTION SERVICE

EP 011 342 08

DEVELOP NEW CAREERS LADDERS, WITH APPROPRIATE EDUCATION COMPONENTS, IN THE ADMINISTRATION OF JUSTICE.

INVESTIGATOR—GRANT, J. DOUGLAS AND OTHERS

NEW CAREERS DEVELOPMENT ORGAN., OAKLAND, CALIF.

BUREAU NUMBER BR-8-0715

PROPOSAL DATE 23 APR 68

GRANT OEG-0-8-080715-4645

DESCRIPTORS— *CRIME, *EMPLOYMENT OPPORTUNITIES, *JOB ANALYSIS, *LEGAL PROBLEMS, *SERVICE OCCUPATIONS, *VOCATIONAL DEVELOPMENT, CORRECTIONAL EDUCATION, CURRICULUM RESEARCH, HIGHER EDUCATION, JOB SKILLS, LAW ENFORCEMENT, LEGAL AID, OAKLAND CALIFORNIA, OCCUPATIONAL CLUSTERS, SECONDARY EDUCATION, VOCATIONAL EDUCATION,

START DATE 06-28-68 END DATE 12-28-68

CAREER LADDERS WILL BE DEVELOPED FOR THE VOCATIONAL AREA OF "ADMINISTRATION OF JUSTICE," AND THE SKILLS AND KNOWLEDGES REQUIRED FOR PROMOTION ALONG THE LADDERS WILL BE DESIGNATED. THE TERM "ADMINISTRATION OF JUSTICE" WILL BE USED IN THIS STUDY TO COVER A TOTAL SPECTRUM OF OCCUPATIONS FROM LAW ENFORCEMENT, THROUGH THE COURTS AND PROBATION, LEGAL ASSISTANCE, CORRECTIONS, AND PAROLE. THE STUDY WILL COVER THE FIRST QUARTER OF A 2-YEAR PROJECT. OVERALL, THE PROJECT WILL RESULT IN THE DEVELOPMENT OF CURRICULUM MATERIALS FOR THE LAST 2 YEARS OF HIGH SCHOOL THROUGH BACCALAUREATE LEVEL RELATED TO ACTUAL EMPLOYMENT REQUIREMENTS IN THE SUBJECT VOCATIONAL AREA. (JH)

EP 011 343 08

DEVELOPMENT AND EVALUATION OF AN INTEGRATED CAREER DEVELOPMENT CURRICULUM.

INVESTIGATOR—STUTZ, ROWAN C.

NEVADA WESTERN STATES SMALL SCHOOLS PROJ.

BUREAU NUMBER BR-7-1323

PROPOSAL DATE MAY 67

GRANT OEG-0-8-071323-4646

DESCRIPTORS— *CAREER CHOICE, *CURRICULUM DEVELOPMENT, *CURRICULUM EVALUATION, *INTEGRATED CURRICULUM, *SMALL SCHOOLS, CAREER PLANNING, CARSON CITY NEVADA, CURRICULUM PLANNING, INDIVIDUALIZED CURRICULUM, PLANNING, RURAL SCHOOLS, WESTERN STATES SMALL SCHOOL PROJECTS,

START DATE 06-27-68 END DATE 12-27-71

AN OUTLINE FOR AN INTEGRATED CAREER DEVELOPMENT CURRICULUM DEVELOPED FROM RESEARCH BY A PANEL OF CONSULTANTS WILL BE USED TO PREPARE A CURRICULUM FOR ISOLATED SMALL SCHOOLS. THE PROJECT WILL INVOLVE--(1) SPECIFICATIONS OF TERMINAL BEHAVIORS (GENERALIZABLE SKILLS), (2) SEQUENCING AND ORGANIZING TOPIC OBJECTIVES, (3) SELECTION OF INSTRUCTIONAL MATERIALS AND METHODS, (4) DEVELOPMENT OF INSTRUCTIONAL MATERIALS AS REQUIRED, (5) DEVELOPMENT OF PERFORMANCE MEASURES, (6) DEVELOPMENT OF INSTRUCTIONAL PROCEDURES, AND (7) DEVELOPMENT OF A PLAN TO EVALUATE THE CURRICULUM. MAJOR FEATURES OF THE CURRICULUM WILL INCLUDE--GENERALIZABLE SKILLS, SYSTEMATIC CAREER SELECTION, OCCUPATIONAL EXPERIENCE, INDIVIDUALIZATION, AND INTEGRATION OF THE CURRICULUM. (WN)

EP 011 344 24

AN INVESTIGATION OF HARVARD DROPOUTS.

INVESTIGATOR—NICHOLI, ARMAND M., JR.

BUREAU NUMBER BR-8-A-018

PROPOSAL DATE 25 SEP 67

GRANT OEG-1-8-080018-0039

DESCRIPTORS— *COLLEGE STUDENTS, *DROPOUT CHARACTERISTICS, *DROPOUT RESEARCH, *EMOTIONAL PROBLEMS, CAMBRIDGE MASSACHUSETTS, DROPOUT PREVENTION, HARVARD COLLEGE, HIGHER EDUCATION,

START DATE 06-28-68 END DATE 04-30-69

THIS PROJECT WILL BE THE CULMINATION OF A STUDY BEING MADE OF 1,454 UNDERGRADUATE MEN OF HARVARD COLLEGE WHO INTERRUPTED OR TERMINATED THEIR COLLEGE CAREERS DURING THE 5-YEAR PERIOD, 1955-1960 (INCLUDING A 10-YEAR FOLLOWUP). PREVIOUSLY COLLECTED DATA AND INFORMATION REMAINING TO BE ACQUIRED DURING THE PROJECT WILL BE ANALYZED WITHIN AND AMONG (1) SUBJECTS WHO DROPPED OUT FOR PSYCHIATRIC REASONS, (2) SUBJECTS WHO DROPPED OUT FOR ALL OTHER REASONS, AND (3) A RANDOM SAMPLE OF CONTROLS. RESULTS FROM THE ANALYSES WILL BE HELPFUL TO INSTITUTIONS OF HIGHER LEARNING OFFICES, AND TO THE MANY PEOPLE CONCERNED WITH COUNSELING COLLEGE STUDENTS. (JH)

EP 011 345 24

A PILOT STUDY OF YOUNG CHILDREN'S COPING STRATEGIES.

INVESTIGATOR—ROTHENBERG, BARBARA B.

EDUCATIONAL TESTING SERVICE, PRINCETON, N.J.

BUREAU NUMBER BR-8-8-084

PROPOSAL DATE 07 FEB 68

GRANT OEG-0-8-080084-3730

DESCRIPTORS— *BEHAVIOR, *BEHAVIOR DEVELOPMENT, *CHILDREN, *PROBLEM SOLVING, *RESEARCH METHODOLOGY, BEHAVIORAL SCIENCE RESEARCH, PILOT PROJECTS, PRINCETON NEW JERSEY,

START DATE 06-24-68 END DATE 03-24-69

A PILOT STUDY WILL BE PERFORMED TO REPLICATE AND EXTEND STUDIES OF CHILDREN'S COPING STRATEGIES BY MURPHY (1957 AND 62), MORIARTY (1961), AND HEIDER (1966). SPECIFIC AIMS OF THE PROJECT WILL BE TO DEVELOP METHODS FOR STUDYING, RECORDING AND CODING COPING STRATEGIES FOR THREE CONTRIVED SITUATIONS (TO BE DEVELOPED). THE POPULATION FOR THE STUDY WILL CONSIST OF BOYS AND GIRLS BETWEEN THE AGES OF THREE AND SEVEN FROM LOWER AND MIDDLE SOCIAL CLASSES. APPROXIMATELY 12 CHILDREN FROM EACH AGE GROUP WILL BE SELECTED FROM NURSERY SCHOOLS AND ELEMENTARY SCHOOLS IN TRENTON AND PRINCETON, NEW JERSEY. PILOT WORK WILL BEGIN WITH DEVELOPMENT OF THE CONTRIVED SITUATIONS--(1) AN ADULT STRUCTURED SITUATION INVOLVING DIFFICULT INTELLECTUAL TASKS, (2) AN ADULT UNSTRUCTURED SITUATION DESIGNED TO ELICIT SPONTANEOUS COPING SEQUENCES, AND (3) A PEER SEMISTRUCTURED SITUATION WHERE THE CHILDREN WOULD HAVE LESS THAN THE NECESSARY AMOUNT OF THINGS TO DO (PROVIDING AN ENVIRONMENT CONDUCIVE TO PEER INTERACTION). THE SUITABILITY OF USING THE SAME EXPERIMENT IN EACH CLASS WITH EACH AGE GROUP IS TO BE DETERMINED. CONCURRENTLY WITH DESIGN OF THE SITUATIONS PROCEDURES FOR OBSERVING, RECORDING, AND CODING OBSERVED COPING STRATEGIES WILL BE DEVELOPED. AN ADDITIONAL PHASE OF THE RESEARCH WILL DEAL WITH DEVELOPING MEASURES FOR CHILD COPING BEHAVIOR VARIABLES SUCH AS VERBAL AND NONVERBAL INTELLIGENCE, MOTOR SKILLS, SELF-CONCEPT, TEACHER AND PEER RATINGS OF COPING MODES, STRATEGY RANGES AND VARIABLES THAT COULD BE STUDIED IN THE HOME SUCH AS SOCIOECONOMIC STATUS, MOTHER'S RECOLLECTION OF AND REACTION TO INFANT TEMPERAMENT, FAMILY ATTITUDE TOWARD INDEPENDENT MASTERY BEHAVIOR OF THE CHILD, AND FAMILY REACTION TO UNFAMILIAR SITUATIONS. AN INTERIM REPORT WILL BE PREPARED DESCRIBING THE NEWLY DEVISED AND ADOPTED TECHNIQUES WITH A PROPOSED STUDY OF COPING STRATEGIES. (WN)

EP 011 346 24

THE SOCIAL SYSTEM OF GOVERNMENT SUPPORTED RESEARCH--AN EVALUATION OF THE SMALL PROJECTS PROGRAM, U.S. OFFICE OF EDUCATION.

INVESTIGATOR—BARTON, ALLEN H. AND OTHERS

COLUMBIA UNIV., NEW YORK

BUREAU NUMBER BR-8-B-901

PROPOSAL DATE 20 MAY 68

GRANT OEG-2-9-420901-0716

DESCRIPTORS— *EDUCATIONAL RESEARCH, *EVALUATION, *FEDERAL PROGRAMS, *NATIONAL PROGRAMS, *PROGRAM ADMINISTRATION, BUREAU OF RESEARCH, EVALUATION CRITERIA, RESEARCH PROBLEMS, RESEARCH PROPOSALS, RESEARCH UTILIZATION, SMALL PROJECTS PROGRAM (USOE),

START DATE 09-01-68 END DATE 08-31-69

ACTIVITIES OF THE SMALL PROJECTS PROGRAM OF THE UNITED STATES OFFICE OF EDUCATION WILL BE EVALUATED IN TERMS OF--(1) ABILITY TO STIMULATE REQUESTS FOR FUNDS FROM SCHOOLS LACKING A RESEARCH TRADITION, (2) REVIEW PROCESSES, (3) DISTRIBUTION OF FUNDS TO RECIPIENT INSTITUTIONS (BY CATEGORY), AND (4) OUTCOMES OF THE FUNDED PROJECTS INCLUDING UTILIZATION AND DIFFUSION, FINAL REPORT QUALITY, AND STIMULUS TO FURTHER RESEARCH. THE RESEARCH WILL BE CONDUCTED TO GAIN KNOWLEDGE OF THE SOCIAL SYSTEM OF EDUCATIONAL RESEARCH AND DEVELOPMENT INCLUDING BARRIERS TO INSTITUTIONALIZATION OF RESEARCH IN THE APPLIED FIELD OF EDUCATION, THE ROLE OF STATUS-JUDGES (FIELD READERS), AND THE IMPACT OF FEDERAL PROGRAMS ON INSTITUTIONAL DEVELOPMENT AND SCHOLARLY PROGRESS. DATA FOR THE STUDY WILL BE ACQUIRED BY SURVEYS OF--INFORMANTS IN HIGHER EDUCATION INSTITUTIONS WHICH HAVE RECEIVED LITTLE OR NO BUREAU OF RESEARCH FUNDS, A SAMPLE OF SMALL PROJECTS APPLICANTS OVER 3 FISCAL YEARS INCLUDING AN ANALYSIS OF APPROVAL CORRELATES, PROBLEMS IN FORMULATING PROPOSALS, AND DIFFUSION AND USE OF COMPLETED RESEARCH, AND A SURVEY OF FIELD READERS USED BY THE SMALL PROJECTS RESEARCH PROGRAM TO DETERMINE CRITERIA FOR APPROVING OR REJECTING PROPOSALS AND FIELD READER CHARACTERISTICS THAT MIGHT EXPLAIN THEIR DECISIONS. A CONTENT ANALYSIS OF A SAMPLE OF PROPOSALS WILL BE PERFORMED TO DESCRIBE AND RELATE FEATURES OF THE PROPOSAL PLANS TO FUNDING APPROVAL. A STUDY OF CONSENSUS AMONG FIELD READERS WILL BE MADE IN ADDITION TO A QUALITY EVALUATION OF A SAMPLE OF FINAL REPORTS. (WN)

EP 011 347 24

A PILOT STUDY OF THE COUNSELOR'S ABILITY TO UNDERSTAND A STUDENT'S COMMUNICATION AS A FUNCTION OF THE COUNSELOR'S PERCEPTUAL DEFENSE.

INVESTIGATOR—MILLIKEN, ROBERT L.

KENTUCKY UNIV., LEXINGTON

BUREAU NUMBER BR-8-C-037

PROPOSAL DATE 24 OCT 67

GRANT OEG-3-8-080037-0053

DESCRIPTORS— *ANXIETY, *COUNSELOR EVALUATION, *COUNSELOR PERFORMANCE, COMMUNICATION (THOUGHT TRANSFER), COUNSELING EFFECTIVENESS, COUNSELOR TRAINING, FILMS, IPAT ANXIETY SCALE, LEXINGTON KENTUCKY, PILOT PROJECTS, SIMULATION,

START DATE 06-24-68 END DATE 12-31-68

A PILOT STUDY WILL BE PERFORMED TO DETERMINE THE ABILITY OF COUNSELORS TO UNDERSTAND STUDENTS' SPOKEN WORDS, VERBALIZED FEELINGS, AND NONVERBAL COMMUNICATION. THE HYPOTHESIS TO BE TESTED STIPULATES THAT COUNSELORS WHO ARE MOST ANXIOUS WILL BE LESS ACCURATE IN THEIR ABILITY TO RECALL WORDS SPOKEN AND FEELINGS EXPRESSED DURING THE INTERVIEW AND THAT THIS TENDENCY WILL BE ACCENTUATED WHEN THE COUNSELEE SHOWS STRONG POSITIVE OR NEGATIVE FEELINGS. THIRTY BEGINNING SCHOOL COUNSELORS IN A COUNSELOR EDUCATION PROGRAM WILL PARTICIPATE IN A SERIES OF FILMED SIMULATED COUNSELING INTERVIEWS WITH AN ACTOR PORTRAYING COUNSELEE EXPRESSIONS OF ANGER, ANXIETY, STRONG POSITIVE FEELINGS, AND RELATIVELY NO AFFECT. A RESPONSE SCHEDULE WILL BE USED TO MEASURE COUNSELORS' RECALL OF THE FACTS AND FEELINGS EXPRESSED. COUNSELOR RESPONSES ARE TO BE EVALUATED BY TWO COUNSELOR SUPERVISORS AND CORRELATED WITH MEASURES OBTAINED ON AN ANXIETY SCALE (IPAT ANXIETY SCALE) ADMINISTERED TO THE SCHOOL COUNSELORS DURING A REGULAR TESTING PROGRAM. FINDINGS ARE TO BE DISSEMINATED THROUGH THE MEDIA OF PROFESSIONAL JOURNALS AND MEETINGS. (WN)

EP 011 348 24

CLASS ATTENDANCE AS A FACTOR IN THE ACADEMIC ACHIEVEMENT OF COLLEGE STUDENTS.

INVESTIGATOR—KNOX, JOHN B. AND OTHERS
TENNESSEE UNIV., KNOXVILLE
BUREAU NUMBER BR-8-D-059
PROPOSAL DATE 15 FEB 68
GRANT OEG-4-8-080059-0046
DESCRIPTORS— *ACADEMIC ACHIEVEMENT, *ATTENDANCE, *CLASSROOM PARTICIPATION, *INDEPENDENT STUDY, *TEACHER INFLUENCE, COLLEGE STUDENTS, DEMOGRAPHY, GRADE POINT AVERAGE, KNOXVILLE TENNESSEE, PSYCHOLOGICAL CHARACTERISTICS, SOCIAL FACTORS, SOCIOLOGY,
START DATE 06-01-68 END DATE 06-30-69

THE EFFECT OF STUDENT-PROFESSOR INTERACTION ON THE PERFORMANCE OF STUDENTS ENROLLED IN AN INTRODUCTORY SOCIOLOGY COURSE WILL BE STUDIED. THE PURPOSE OF THE RESEARCH IS TO DISCOVER IF THIS AND SUBSEQUENT STUDIES CAN SPECIFY WHICH STUDENTS LEARN EQUALLY WELL WITH LESS PROFESSOR CONTACT. AFTER ATTENDING CLASS FOR 1 WEEK STUDENTS IN INTRODUCTORY SOCIOLOGY WILL BE ASKED TO SELECT FROM TWO ATTENDANCE MODES--REGULAR ATTENDANCE OR NON-ATTENDANCE (ATTENDING ONLY FOR TWO MAJOR TESTS, THE FINAL EXAMINATION, AND CLASS PERIODS TO PROVIDE FEEDBACK RELATED TO RESULTS ON THE TWO MAJOR TESTS). THE FINAL EXAMINATION WILL COMPRISE 40 PERCENT OF EACH STUDENT'S SCORE WITH THE TWO OBJECTIVE TESTS COUNTING FOR 30 PERCENT EACH. STUDENT SCORES ARE TO BE CORRELATED WITH--EACH STUDENT'S STANDING ON THE ACT TEST AND GRADE POINT AVERAGE (GPA) AT THE END OF THE QUARTER IN WHICH THE STUDENT PARTICIPATED IN THE INTRODUCTORY SOCIOLOGY COURSE. FOR TREATMENT PURPOSES THE STUDENTS WILL BE DIVIDED INTO FOUR GROUPS--ATTENDERS WHOSE SOCIOLOGY PERCENTILE RANK WAS EQUAL TO OR ABOVE THEIR GPA PERCENTILE RANK, ATTENDERS WITH A SOCIOLOGY PERCENTILE RANK BELOW THEIR GPA PERCENTILE RANK, AND NON-ATTENDERS IN TWO SIMILAR GROUPINGS. WITHIN EACH CATEGORY STUDENT DATA ARE TO BE CORRELATED WITH DEMOGRAPHIC AND PSYCHO-SOCIAL DATA COLLECTED BY QUESTIONNARIE FOR EACH STUDENT, AND STUDENT REASONS FOR SELECTING THE REGULAR OR NON-ATTENDANCE MODE. NON-ATTENDERS ELECTING TO TAKE THE REGULAR ATTENDANCE MODE AFTER THE FIRST OBJECTIVE TEST WILL BE TREATED AS A SEPARATE GROUP. SUBJECT MATTER, TESTS, TEACHING METHOD, AND THE LEVEL OF INSTRUCTION WILL BE CONTROLLED. A PROGRAM DEVELOPED BY JAMES S. COLEMAN WILL BE USED IN THE MULTIVARIATE ANALYSIS OF THE DATA. (WN)

EP 011 349 24

OBSERVATIONAL CATEGORIES IN VERBAL LEARNING THEORY.

INVESTIGATOR—PETRIE, HUGH G.
NORTHWESTERN UNIV., EVANSTON, ILL.
BUREAU NUMBER BR-8-E-023
PROPOSAL DATE 30 JUL 67
CONTRACT OEC-0-8-080023-3669
DESCRIPTORS— *LEARNING THEORIES, *OBSERVATION, *RESEARCH METHODOLOGY, *VERBAL LEARNING, PHILOSOPHY, PSYCHOLOGY, RESEARCH PROBLEMS, SCIENTIFIC METHODOLOGY,
START DATE 06-20-68 END DATE 06-19-69

THE HYPOTHESIS DEALING WITH THE DEPENDENCY OF OBSERVATIONAL CATEGORIES ON VERBAL LEARNING THEORY AND LEVEL OF METHODOLOGY WILL BE STUDIED. THE PRIMARY AIM IS TO INVESTIGATE THE BORDER AREA BETWEEN PHILOSOPHY AND PSYCHOLOGY TO ESTABLISH INTERCONNECTIONS BETWEEN THESE TWO DISCIPLINES WHICH WILL BE MAPPED IN THE AREA OF THE METHODOLOGY OF VERBAL LEARNING THEORY. THE PROCEDURE WILL CONSIST OF EXPLICATING, FROM A REPRESENTATIVE LITERATURE SEARCH, THE MAJOR THEORIES OF VERBAL LEARNING WITH THEIR CHARACTERISTIC METHODOLOGIES AND EXPERIMENTAL OBSERVATIONS. A LOGICAL ANALYSIS OF THE DERIVED IMPLICATIONS OF THEORY ON METHODOLOGY AND OBSERVATIONAL CATEGORIES WILL BE CARRIED OUT. A BIBLIOGRAPHY CONTAINING 152 CITATIONS (SOME FROM A BIBLIOGRAPHY BY HILGARD AND BOWEN, 1966) WILL BE USED AS A STARTING POINT FOR THE STUDY. (WN)

EP 011 350 24

GROUP USE OF PROGRAMMED INSTRUCTION WITH CULTURALLY DISADVANTAGED KINDERGARTEN CHILDREN--A PILOT PROJECT.

INVESTIGATOR—CRIST, ROBERT L.
ILLINOIS STATE UNIV., NORMAL
BUREAU NUMBER BR-8-E-035
PROPOSAL DATE 24 JUL 67
GRANT OEG-0-8-080035-3709
DESCRIPTORS— *CULTURALLY DISADVANTAGED, *KINDERGARTEN CHILDREN, *PROGRAMED INSTRUCTION, *REINFORCEMENT, *REINFORCERS, ACROSS TIME ANALYSIS, ARITHMETIC, LANGUAGE ARTS, MANUALS, PROGRAMED MATERIALS, SCHEDULING, TEACHING GUIDES,
START DATE 06-24-68 END DATE 01-24-69

THE EFFECTS ON LEARNING BEHAVIOR OF CULTURALLY DEPRIVED CHILDREN FOR A VARIETY OF REINFORCEMENT SCHEDULES AND REINFORCERS WILL BE STUDIED. TWELVE CULTURALLY DEPRIVED KINDERGARTEN CHILDREN WILL BE SELECTED ON THE BASIS OF FAMILY INCOME, SCORES ON THE ILLINOIS TEST OF PSYCHOLINGUISTIC ABILITY, THE EXTENT THAT SIBLINGS HAVE ENCOUNTERED CLASSROOM DIFFICULTIES, AND EDUCATIONAL UNFAIRNESS OF THE HOME. SIX WILL RECEIVE LANGUAGE ARTS AND ARITHMETIC TRAINING FOR 90 MINUTES A DAY OVER A 60-DAY PERIOD (5 DAYS A WEEK). PROGRAMED MATERIALS AND TECHNIQUES WILL BE USED THROUGHOUT THE STUDY WITH PARTICULAR EMPHASIS ON THE GRADUAL FADING OF PROMPTS AND MANIPULATION OF REINFORCERS AND REINFORCEMENT SCHEDULES. SPECIFIC OBJECTIVES OF THE STUDY WILL BE TO DETERMINE WHETHER--(1) THE PROGRAMED MATERIALS AND METHODS PRODUCE SIGNIFICANT PERFORMANCE GAINS AS MEASURED BY STANDARDIZED MENTAL ABILITY TESTS, (2) RETENTION AND RESPONDING ARE SUFFICIENTLY SIMILAR AMONG THE GROUP TO JUSTIFY USE OF THE PROGRAMED MATERIALS AND TECHNIQUES, (3) GROUP STUDY CONDITIONS USING A VARIETY OF REINFORCERS AND REINFORCEMENT SCHEDULES WILL BE EFFECTIVE IN MAINTAINING THE ATTENTION AND EFFORT OF THE CHILDREN AND IN FOSTERING THE TYPE OF SOCIAL INTERACTION ANTICIPATED IN THEIR FUTURE SCHOOLS, (4) CULTURALLY DEPRIVED KINDERGARTEN CHILDREN CAN BE TAUGHT LANGUAGE ARTS AND ARITHMETIC SUFFICIENTLY TO ENTER THE FIRST GRADE WITH PROFICIENCY IN THESE AREAS, AND (5) PROGRAMED MATERIALS EMPHASIZING SMALL STEPS, CONTINUED INVOLVEMENT, AND GRADUAL FADING OF PROMPTS CAN BE USED WITH CULTURALLY DEPRIVED CHILDREN. THE VALUE OF REINFORCERS AND REINFORCEMENT SCHEDULES FOR MAINTAINING DESIRED WORK BEHAVIOR WILL ALSO BE DETERMINED. ACROSS-TIME ANALYSIS PROCEDURES WILL BE USED FOR INTENSIVE ANALYSIS OF SINGLE SUBJECTS USING AS TASK ANALYSIS CRITERIA THE EXTENT TO WHICH THE SUBJECTS CAN PERFORM A PREDETERMINED BEHAVIORAL TASK AFTER TRAINING. A FINAL REPORT DESCRIBING THE STUDY RESULTS WILL BE PREPARED IN ADDITION TO A TEACHERS' MANUAL TO BE USED DURING THE STUDY. (WN)

EP 011 351 24

EFFECTS OF SOME AUDIO-VISUAL TECHNIQUES ON RACIAL SELF-CONCEPT OF NEGROES AND RACIAL ATTITUDES OF WHITES.

INVESTIGATOR—TEAHAN, JOHN E.
WAYNE STATE UNIV., DETROIT, MICH.
BUREAU NUMBER BR-8-E-040
PROPOSAL DATE 01 OCT 67
GRANT OEG-0-8-080040-3712
DESCRIPTORS— *CAUCASIAN STUDENTS, *FILMS, *NEGRO ATTITUDES, *NEGRO ROLE, *NEGRO STUDENTS, ATTITUDES, CHICAGO CATHOLIC SCHOOLS SYSTEM, GRADE 6, GRADE 7, GRADE 8, LOWER CLASS, MIDDLE CLASS, RACE RELATIONS, RACIAL ATTITUDES, URBAN YOUTH,
START DATE 06-24-68 END DATE 06-23-69

A FOLLOW UP STUDY WILL BE PERFORMED TO EXAMINE FINDINGS OF THE IMPACT OF FILMS ABOUT SUCCESSFUL NEGROES ON THE RACIAL SELF-CONCEPT OF NEGRO YOUTHS AND ETHNOCENTRIC ATTITUDES OF CAUCASIAN YOUTHS. THE STUDY WILL ATTEMPT TO CLARIFY WHETHER AN INCREASE IN NEGRO RACIAL PRIDE NECESSARILY RESULTS IN GREATER HOSTILITY TOWARDS CAUCASIANS. USE OF A LARGER PROPULATION OF URBAN NEGROES WILL PERMIT STUDY OF SEX AND SOCIOECONOMIC VARIABLES INVOLVED. AN ATTEMPT WILL BE MADE TO MEASURE STATUS THREAT AMONG CAUCASIANS IN A MORE DIRECT MANNER TO DETERMINE WHETHER STATUS THREAT INCREASES ARE CORRELATED WITH INCREASED PREJUDICE FOLLOWING THE FILMS. A PRE- AND POST-TEST DESIGN WILL BE USED WITH THE FILMS PRESENTED ON A WEEKLY BASIS BY CLASSROOM TEACHERS AS A NATURAL PART OF THE CURRICULUM FOR THE CHICAGO CATHOLIC SCHOOLS SYSTEM. SIX EXPERIMENTAL GROUPS AND SIX CONTROL GROUPS WILL BE USED FROM (GRADES 6, 7, AND 8) IN TWO SCHOOLS SERVING A LOWER SOCIOECONOMIC NEGRO POPULATION AND TWO SCHOOLS SERVING A PREDOMINANTLY MIDDLE CLASS NEGRO POPULATION. A MULTI-FACTOR ANALYSIS OF VARIANCE WILL BE USED TO DETECT SIGNIFICANT INTERACTION EFFECTS. ANALYSES TO BE PERFORMED INCLUDE--PERSONALITY TRAITS ASSIGNED TO PHOTOGRAPHS, OCCUPATIONS ASSIGNED TO PHOTOGRAPHS, CHANGES IN PERSONAL VOCATIONAL ASPIRATIONS, CHANGES IN DISPARITY OF VOCATIONAL ASPIRATION AND PREDICTED PERSONAL OCCUPATION, RESPONSES TO A SENTENCE COMPLETION TASK, ATTITUDES EXPRESSED ON A SOCIAL QUESTIONS SURVEY, AND RESPONSES TO QUESTIONNAIRES ON INDIVIDUAL FILM MODELS (CHARACTERS). (WN)

EP 011 352 24

AN ANALYSIS OF THE RELATIONSHIP OF THE DEGREE OF SATISFACTION OF TEACHERS WITHIN CERTAIN OHIO SCHOOLS WITH THE FORMAL COMMUNICATION OF THEIR PRINCIPAL.
INVESTIGATOR—HELWIG, CARL
AKRON UNIV., OHIO
BUREAU NUMBER BR-8-E-085
PROPOSAL DATE 30 NOV 67
GRANT OEG-0-8-080085-3715
DESCRIPTORS— *COMMUNICATION (THOUGHT TRANSFER), *ORGANIZATIONAL CLIMATE, *TEACHER ADMINISTRATOR RELATIONSHIP, *TEACHER ATTITUDES, COMMUNICATION PROBLEMS, ELEMENTARY SCHOOLS, ORGANIZATIONAL CLIMATE DESCRIPTION QUEST, PRINCIPALS, PRINCIPALS DATA SHEET, TEACHER SATISFACTION SCALE, TEACHERS,
START DATE 06-20-68 END DATE 06-19-69
THIS STUDY WILL DEAL WITH QUANTITATIVE RELATIONSHIPS (IF ANY) BETWEEN THE VARIABLES, FREQUENCY OF PRINCIPAL'S COMMUNICATION PRACTICES AND DEGREE OF TEACHER SATISFACTION. ADDITIONALLY THE STUDY WILL SEEK TO REPLICATE FINDINGS BY CHARLES L. WOOD (1966) AND EXTEND THEM BY ADDING THE DIMENSION OF QUALITY IN TERMS OF TEACHER SATISFACTION AND ORGANIZATIONAL CLIMATE. THE POPULATION STUDIED WILL BE FROM 50 OHIO PUBLIC ELEMENTARY SCHOOLS. A.W. HALPIN'S "ORGANIZATIONAL CLIMATE DESCRIPTION QUESTIONNAIRE" WILL BE USED TO DETERMINE THE RANK AND TYPE OF EACH SCHOOL'S ORGANIZATIONAL CLIMATE. FINDINGS ARE TO BE CORRELATED WITH RESULTS OBTAINED USING A TEACHER SATISFACTION SCALE AND THE PRINCIPAL'S DATA SHEET (C.L. WOOD - 1966). MULTIPLE CORRELATION TECHNIQUES WILL BE USED TO DETERMINE SIGNIFICANT RELATIONSHIPS BETWEEN THE VARIABLES, FREQUENCY OF PRINCIPALS COMMUNICATION PRACTICES AND DEGREE OF TEACHER SATISFACTION AND AMONG THESE TWO VARIABLES AND THE VARIABLE, SCHOOL CLIMATE. (WN)

EP 011 353 24
THE INITIAL DEVELOPMENT OF A TECHNIQUE FOR DERIVING ADDITIONAL INFORMATION FROM TEST PERFORMANCE.
INVESTIGATOR—WICK, JOHN W.
NORTHWESTERN UNIV., EVANSTON, ILL.
BUREAU NUMBER BR-8-E-087
PROPOSAL DATE DEC 67
GRANT OEG-0-8-080087-3716
DESCRIPTORS— *CLUSTER GROUPING, *DATA ANALYSIS, *PATTERNED RESPONSES, *RESEARCH TOOLS, *TEST INTERPRETATION, MEASUREMENT, MEASUREMENT TECHNIQUES, SIMILAR RESPONSE ANALYSIS, TEST RESULTS,
START DATE 06-20-68 END DATE 06-19-69
A NEW RESPONSE ANALYSIS TECHNIQUE CALLED SIMILAR RESPONSE ANALYSIS WILL BE DEVELOPED AS A TOOL FOR ANALYZING PATTERNS OF TEST RESPONSES. THE PROJECT WILL BE COMPRISED OF FOUR SECTIONS DEALING WITH-(1) THEORY OF SIMILAR RESPONSE ANALYSIS AND A COMPARISON OF THE TECHNIQUE WITH OTHER PATTERN ANALYSIS TECHNIQUES WHICH HAVE BEEN DEVELOPED PREVIOUSLY BY LAZARSFELD (1950-54-59-66), LUNNEBORG (1959), GUTTMAN (1950), GIBSON (1959), MCDONALD (1963), AND WICK (1967), (2) DESCRIPTIONS OF THE ITEM SETS TO BE ANALYZED, (3) THREE HYPOTHETICAL EXAMPLES TO BE CONSTRUCTED INCLUDING AN ILLUSTRATION OF ITEM RESULTS AND THE MATCHED RESPONSE MATRIXES FOR SMALL GROUPS. INCLUDED WILL BE THE DEVELOPMENT OF TWO COMPUTER PROGRAMS TO OBTAIN MATCHED RESPONSE MATRIXES AND REORDERING OF THE MATRIXES, AND (4) THREE STUDIES USING DATA CURRENTLY ON HAND DEALING WITH ACHIEVEMENT TEST RESULTS, PERSONALITY INVENTORY RESULTS, AND RESULTS OBTAINED WITH AN ATTITUDE INVENTORY. RESULTS OF A DESCRIPTIVE OR THEORETICAL NATURE ARE TO BE SUBMITTED TO MEASUREMENT-ORIENTED JOURNALS AND WILL ALSO BE PRESENTED AS PAPERS AT PROFESSIONAL MEETINGS. (WN)

EP 011 354 24
PLANNING GRADUATE PROGRAMS AROUND REGIONAL PROBLEMS THROUGH ESTABLISHMENT OF REGIONAL RESEARCH CENTERS IN EMERGING STATE COLLEGES AND UNIVERSITIES IN THE CUT-OVER AREAS OF WISCONSIN, MINNESOTA, AND MICHIGAN.
INVESTIGATOR—WYMAN, WALKER D.
WISCONSIN STATE UNIV., RIVER FALLS
BUREAU NUMBER BR-8-E-094
PROPOSAL DATE 01 MAR 68
GRANT OEG-0-8-080094-4511
DESCRIPTORS— *EDUCATIONAL PLANNING, *EDUCATIONAL RESEARCH, *GRADUATE STUDY, *REGIONAL COOPERATION, *RESEARCH AND DEVELOPMENT CENTERS, GREAT LAKES REGIONAL COUNCIL, MICHIGAN, MINNESOTA, MINNESOTA HISTORICAL SOCIETY, PLANNING, REGIONAL PROGRAMS, RESEARCH NEEDS, RESEARCH PROJECTS, WISCONSIN, WISCONSIN STATE UNIVERSITY,
START DATE 06-20-68 END DATE 01-20-69
REGIONAL RESEARCH CENTERS IN EMERGING STATE COLLEGES AND UNIVERSITIES OF MICHIGAN, MINNESOTA AND WISCONSIN WILL BE ESTABLISHED. A PLANNING COMMITTEE REPRESENTING LIBRARIES, GRADUATE FACULTIES, AND ADMINISTRATORS FROM THE EDUCATIONAL INSTITUTIONS, THE GREAT LAKES COUNCIL ESTABLISHED FOR REHABILITATION OF THE REGION, AND THE STATE HISTORICAL SOCIETIES WILL DETERMINE SURVEY PROCEDURES AND PREPARE A SCHEDULE FOR STUDIES AND CONSULTATIONS. DURING THE FIRST PHASE, THE SURVEY WILL BE CONDUCTED AND A REPORT AND LONG RANGE PLAN FOR GRADUATE PROGRAMS AROUND REGIONAL PROBLEMS WILL BE PREPARED FOR IMPLEMENTATION OF FEASIBLE PROJECTS. PHASE TWO OF THE EFFORT WILL DEAL WITH REQUESTING SUPPORT OF A LONG RANGE PROJECT TO ACHIEVE THE GOALS OF THE REGIONAL RESEARCH CENTERS. (WN)

EP 011 355 24
RELATIONSHIPS AMONG TEACHERS' KNOWLEDGE OF PRINCIPLES OF ADULT TEACHING, CLASSROOM PRACTICE, AND TEACHING EFFECTIVENESS.
INVESTIGATOR—BERG, CLAY N.
CHICAGO UNIV., ILL.
BUREAU NUMBER BR-8-E-095
PROPOSAL DATE 68
GRANT OEG-0-8-080095-4454
DESCRIPTORS— *ADULT EDUCATION, *ADULT EDUCATORS, *LEARNING THEORIES, *STUDENT REACTION, *TEACHER EDUCATION, ADULT STUDENTS, DENVER CENTER, EXTENSION EDUCATION, GENERAL EXTENSION PROGRAM, PROFESSIONAL TRAINING, TEACHER CHARACTERISTICS, TEACHER EVALUATION, TEACHING PROCEDURES, TEACHING TECHNIQUES, UNIVERSITY OF COLORADO,
START DATE 06-24-68 END DATE 03-24-69
THE PURPOSE OF THIS STUDY IS TO DETERMINE IN ADULT CLASS TEACHING SITUATIONS THE RELATIONSHIPS AMONG INSTRUCTOR KNOWLEDGE OF ADULT TEACHING PRINCIPLES, CLASSROOM PRACTICE, AND TEACHING EFFECTIVENESS AS MEASURED BY STUDENT RATINGS. AN ATTEMPT WILL ALSO BE MADE TO DETERMINE THE EFFECTS OF COURSE CONTENT, STUDENT AGE, AMOUNT OF ADULT TEACHING EXPERIENCE, AND TEACHER'S TRAINING ON PRINCIPLES OF ADULT TEACHING. A STUDENT OPIONNAIRE AND A FACULTY OPINIONNAIRE (PREVIOUSLY DEVELOPED AND TESTED) WILL BE USED TO OBTAIN DATA FROM 100 ADULT EVENING CREDIT AND CERTIFICATE COURSES IN THE UNIVERSITY OF COLORADO GENERAL EXTENSION PROGRAM (DENVER CENTER). EACH CLASS WILL HAVE A MINIMUM OF 10 AND A MAXIMUM OF 35 MEMBERS. STUDENT SUBJECTS WILL BE ADULTS WITH FULL-TIME WORK RESPONSIBILITIES, ATTENDING CLASS ON A PART-TIME BASIS, AND VOLUNTARILY PARTICIPATING IN THE STUDY. CORRELATION ANALYSES ARE TO BE PERFORMED AND SUPPLEMENTED (IF WARRANTED) WITH A THREE-WAY ANALYSIS OF VARIANCE OF THE RELATIONSHIPS IN THE INITIAL CORRELATION. (WN)

EP 011 356 24
A PROPOSAL FOR RESEARCH ON THE DETERMINATION OF TEACHER SALARY INCREASES.
INVESTIGATOR—GERWIN, DONALD
WISCONSIN UNIV., MILWAUKEE
BUREAU NUMBER BR-8-E-096
PROPOSAL DATE NOV 67
GRANT OEG-0-8-080096-3717
DESCRIPTORS— *ADMINISTRATIVE POLICY, *MODELS, *SIMULATORS, *TEACHER SALARIES, COMPUTER PROGRAMS, COMPUTERS, MILWAUKEE WISCONSIN, PLANNING, SALARIES, SALARY DIFFERENTIALS, WAGES,
START DATE 06-20-68 END DATE 04-20-69
THE MANNER OF DETERMINING TEACHER SALARY INCREASES (THE DECISION RULES USED TO DETERMINE WHEN AND HOW MUCH TO GRANT TEACHERS) WILL BE ANALYZED. AN IMPORTANT ASPECT OF THE STUDY WILL THE DEVELOPMENT AND TESTING OF A COMPUTER MODEL TO SIMULATE THE THE SYSTEM FOR DETERMINING TEACHER SALARY INCREASES. THE COMPLETED MODEL WILL BE USEFUL AS A PROTOTYPE PLANNING TOOL FOR EVALUATING THE EFFECTS OF ALTERNATIVE ADMINISTRATIVE POLICIES DEALING WITH TEACHERS' SALARIES. SCHOOL DISTRICTS IN METROPOLITAN MILWAUKEE ARE TO BE STUDIED. INITIALLY THE STUDY WILL DEAL WITH FIVE TO TEN OF THE SCHOOL DISTRICTS WITH THE LARGEST ENROLLMENTS. IF TIME PERMITS THE STUDY WILL INCLUDE 17 DISTRICTS IN MILWAUKEE COUNTY. FIELD INVESTIGATIONS WILL BE CONDUCTED TO DISCOVER THE DECISION RULES AND WHO MAKES THE DECISIONS. THE FIELD STUDY WILL CONSIST OF INTERVIEWS AND ANALYSIS OF WRITTEN DOCUMENTS (SUCH AS SALARY SURVEYS) AND SUPPLEMENTED WITH INFORMAL QUESTIONS BY LETTER OR PHONE TO REFINE CONCLUSIONS FROM WHICH THE MODEL WILL BE FORMULATED. (WN)

EP 011 357 24
A PROJECT TO DETERMINE THE PROPER PLACEMENT OF COMPOSITION COURSES WITHIN AN ENGINEERING CURRICULUM.
INVESTIGATOR—WILLIAMS, JUANITA H.
IOWA STATE UNIV. OF SCIENCE AND TECH., AMES
BUREAU NUMBER BR-8-F-002
PROPOSAL DATE 28 JUN 67
GRANT OEG-6-8-008002-0001
DESCRIPTORS— *COMPOSITION SKILLS (LITERARY), *ENGINEERING EDUCATION, *ENGLISH INSTRUCTION, *STUDENT NEEDS, *UNDERGRADUATE STUDY, *WRITING SKILLS, AMES IOWA, COMPOSITION (LITERARY), FRESHMEN,
START DATE 04-22-68 END DATE 11-21-68
WRITING PROBLEMS OF STUDENTS IN THE COLLEGE OF ENGINEERING AT IOWA STATE UNIVERSITY WILL BE STUDIED TO DETERMINE WHETHER ENGINEERING SCIENCE STUDENTS NEED EXPOSITORY COMPOSITION INSTRUCTION BEYOND THE FRESHMAN YEAR. THE STUDY WILL ALSO ATTEMPT TO DETERMINE WHICH COMPOSITIONAL SKILLS DETERIORATE MOST THROUGHOUT THE UNDERGRADUATE YEARS AS A BASIS FOR DECIDING WHAT THE CHIEF EMPHASIS IN UPPER-LEVEL WRITING COURSE SHOULD BE. THE HYPOTHESIS WILL BE TESTED BY ADMINISTERING TESTS TO FIVE GROUPS OF ENGINEERING STUDENTS (100 THIRD-QUARTER FRESHMEN, 100 THIRD-QUARTER SOPHOMORES, 100 THIRD-QUARTER JUNIORS, AND 100 THIRD-QUARTER SENIORS) ALL OF WHOM HAVE COMPLETED OR HAVE NEARLY COMPLETED THEIR FRESHMAN ENGLISH REQUIREMENTS BUT NOT EXPOSITORY COMPOSITION, AND 100 THIRD QUARTER SENIORS WHO HAVE COMPLETED OR WILL COMPLETE A COURSE IN WRITING REPORTS

AND TECHNICAL PAPERS. THE TESTS TO BE ADMINISTERED WILL INCLUDE--A 20-MINUTE ESSAY TEST AND THE SEQUENTIAL TEST OF EDUCATIONAL PROGRESS (STEP), AN OBJECTIVE WRITING TEST. SCORES ON THE ESSAY TESTS WILL BE DETERMINED BY THREE EDUCATIONAL TESTING SERVICE TRAINED READERS WITH THE FINAL SCORE ON EACH ESSAY EQUAL TO THE SUM OF THE THREE TEST SCORES. THE ESSAY SCORES WILL BE COMPARED BETWEEN INDIVIDUALS WITHIN EACH OF THE FIVE GROUPS AND AMONG THE FIVE GROUPS THROUGH USE OF THE CHI SQUARE TEST OF INDEPENDENCE. SCORES AND SUBSCORES OBTAINED ON THE STEP TEST WILL BE CORRELATED WITH ESSAY TEST SCORES TO ESTABLISH INTERRELATIONSHIPS BETWEEN THE VARIABLES. FINDINGS ARE TO BE SUBMITTED TO THE NATIONAL COUNCIL OF TEACHERS OF ENGLISH FOR PRESENTATION AT THE CONFERENCE ON COLLEGE COMPOSITION AND COMMUNICATION. REPORTS WILL ALSO BE SUBMITTED TO THE JOINT ECAC-RWI FEEDBACK COMMITTEE OF THE AMERICAN SOCIETY FOR ENGINEERING EDUCATION AND TO THE DIRECTOR OF ADVISORY SERVICES, MIDWESTERN OFFICE OF THE EDUCATIONAL TESTING SERVICE, EVANSTON, ILLINOIS. (WN)

EP 011 358 24

INVESTIGATION OF INNER CITY READING INSTRUCTION PROGRAMS.

INVESTIGATOR--RAMSEY, WALLACE Z.
MISSOURI UNIV., ST. LOUIS
BUREAU NUMBER BR-8-F-100
PROPOSAL DATE JUN 68
GRANT OEG-6-8-008100-0032

DESCRIPTORS-- *INNER CITY, *READING PROGRAMS, *READING RESEARCH, *TEACHER EDUCATION, *URBAN SCHOOLS, CHICAGO, CURRICULUM DEVELOPMENT, DETROIT, DISTRICT OF COLUMBIA, EVALUATION, LOS ANGELES, NEW YORK, PROGRAM DESCRIPTIONS, READING INSTRUCTION, ST LOUIS, TEACHER EDUCATION CURRICULUM,

START DATE 09-01-68 END DATE 01-31-69

THIS STUDY WILL CONSIST OF (1) DETERMINING THE NATURE OF MAJOR INNER CITY READING PROGRAMS, (2) DETERMINING WHICH PROGRAMS HAVE BEEN SUCCESSFUL, (3) DERIVING DESIRABLE CHARACTERISTICS OF A TEACHER EDUCATION PROGRAM FOR INNER CITY READING TEACHERS, (4) DISSEMINATING THE RESEARCH FINDINGS IN PROFESSIONAL JOURNALS, AND (5) DESIGNING AND IMPLEMENTING AN EDUCATIONAL PROGRAM FOR INNER CITY READING TEACHERS. PROCEDURES TO BE EMPLOYED INCLUDE--ASSEMBLING AND ANALYZING A COLLECTION OF PUBLISHED MATERIALS DESCRIBING MAJOR INNER CITY PROGRAMS, OBTAINING AND ANALYZING REPORTS CONCERNING THE NATURE OF INNER CITY READING PROGRAMS FROM ERICuCRIER, PREPARING AND TESTING A QUESTIONNAIRE WHICH WILL THEN BE CIRCULATED TO 20 MAJOR SCHOOL SYSTEMS TO DETERMINE THE NATURE OF CURRENT PRACTICES AND PROCEDURES IN TEACHING INNER CITY READING, INTERVIEWING OFFICIALS IN SIX OF THE MAJOR CITIES (CHICAGO, DETROIT, LOS ANGELES, ST. LOUIS, NEW YORK, AND WASHINGTON D.C.), VISITING SITES OF SELECTED ELEMENTARY AND SECONDARY SCHOOLS WITHIN THE SIX CITIES TO GAIN ADDITIONAL INFORMATION ABOUT THEIR READING PROGRAMS, ANALYZING DATA OBTAINED FROM THE SIX CITIES TO DETERMINE STRENGTHS AND WEAKNESSES OF THEIR PROGRAMS, PLANNING AND IMPLEMENTING A PROGRAM FOR EDUCATING INNER CITY READING TEACHERS AT THE UNIVERSITY OF MISSOURI IN ST. LOUIS, AND PLANNING FOLLOW-UP STUDIES OF GRADUATES TO EVALUATE THE DERIVED PROGRAM. (WN)

EP 011 359 24

AN ANALYSIS OF PERSONALITY PATTERNS OF WOMEN IN SELECTED PROFESSIONS.

INVESTIGATOR--MARTIN, DOROTHY R.
COLORADO UNIV., BOULDER
BUREAU NUMBER BR-8-H-026
PROPOSAL DATE 1 MAR 68
GRANT OEG-8-8-080026-2009

DESCRIPTORS-- *PERSONALITY ASSESSMENT, *PERSONALITY STUDIES, *PROFESSIONAL PERSONNEL, *WORKING WOMEN, BOULDER COLORADO, FEMALES, GOAL ORIENTATION, PAS, PERSONALITY ASSESSMENT SYSTEM, PROFESSIONAL OCCUPATIONS, PROFESSIONAL RECOGNITION, SYNDROME ANALYSIS,

START DATE 06-24-68 END DATE 12-23-69

THE PERSONALITY PATTERNS OF WOMEN IN SEVEN DIFFERENT PROFESSIONS WILL BE STUDIED USING THE GITTINGER PERSONALITY ASSESSMENT SYSTEM (PAS)--(1) TO DETERMINE IF THERE ARE VARIATIONS AMONG THE PERSONALITY PATTERN CHARACTERISTICS OF EACH PROFESSION, (2) TO COMPARE PATTERNS FOR WOMEN WITH THOSE PREVIOUSLY OBTAINED FOR MEN IN THE SAME PROFESSIONS, AND (3) TO FORMULATE FROM THIS PILOT STUDY SPECIFIC HYPOTHESES ABOUT THE PERSONALITY PATTERNS OF PROFESSIONAL WOMEN. THE PAS SYSTEM WILL BE EMPLOYED WITH A POPULATION OF 30 WOMEN EACH FROM THE FOLLOWING OCCUPATIONAL CATEGORIES--COMPUTER PROGRAMERS, LAWYERS, PHARMACISTS, PHYSICIANS, REAL ESTATE SALESWOMEN, SOCIAL WORKERS, THEORETICAL MATHEMATICIANS AND PHYSICISTS. ONLY WOMEN ACTIVELY ENGAGED AND JUDGED BY THEIR COLLEAGUES TO BE COMPETENT IN THE FIELDS CITED WILL BE USED AS SUBJECTS. THE PAS TEST INDICATES INTERNAL AND EXTERNAL CUES MOST LIKELY TO ELICIT OVERT RESPONSES, SUGGESTS TYPES OF STIMULI MOST LIKELY TO PRODUCE BEHAVIOR CHANGE, PROVIDES AN UNDERSTANDING OF THE QUALITY OF ENVIRONMENTS IN WHICH AN INDIVIDUAL WILL MOST LIKELY PERFORM EFFICIENTLY, OFFERS INSIGHT INTO STRESS SITUATIONS FOR THE INDIVIDUAL, AND PERMITS PREDICTION OF THE PROBABLE NATURE OF MALADJUSTED BEHAVIOR LIKELY TO OCCUR. SYNDROME ANALYSIS PROGRAMS WRITTEN BY DAVID R. SAUNDERS WILL BE USED FOR ANALYZING THE INDIVIDUAL AND GROUP PERSONALITY STRUCTURES. (WN)

EP 011 360 24

THE LEGAL STATUS (HISTORICAL DEVELOPMENT, CURRENT STATUTES AND COURT DECISIONS) OF PUPIL TRANSPORTATION IN THE PUBLIC SCHOOLS OF THE UNITED STATES.

INVESTIGATOR--FORSYTHE, RALPH A.
DENVER UNIV., COLO.
BUREAU NUMBER BR-8-H-027
PROPOSAL DATE 20 MAR 68
GRANT OEG-8-8-080027-2010

DESCRIPTORS-- *COURT CASES, *COURT DOCTRINE, *PUBLIC SCHOOLS, *STATE LAWS, *TRANSPORTATION, BUREAU OF EDUCATION RESEARCH, BUS TRANSPORTATION, COURT LITIGATION, DENVER COLORADO, LEGAL RESPONSIBILITY, LEGISLATION, SCHOOL BUSES, SCHOOL LAW, SCHOOL SERVICES, STATE LEGISLATION, STATE STANDARDS, STATUS, UNITED STATES HISTORY,

START DATE 09-01-68 END DATE 08-31-69

THE CURRENT LEGAL STATUS OF PUPIL TRANSPORTATION IN THE UNITED STATES PUBLIC SCHOOLS WILL BE STUDIED TO DETERMINE (1) THE HISTORICAL DEVELOPMENT OF PUPIL TRANSPORTATION IN THE UNITED STATES, (2) THE CONTENT OF CURRENT STATUTES AND CONSTITUTIONS GOVERNING PUPIL TRANSPORTATION, AND (3) WHAT COURT DECISIONS HAVE BEEN MADE PERTAINING TO PUPIL TRANSPORTATION. THE RESEARCH PROCEDURES WILL INCLUDE--LITERATURE SEARCH AND REVIEW, A REVIEW OF STATE STATUES, CONSTITUTIONS, AND COURT CASES, AND COLLECTION AND ANALYSIS OF DATA FROM THE STATE DEPARTMENTS OF EDUCATION OF THE 50 STATES. THE DATA ARE TO BE COLLECTED BY GRADUATE STUDENTS AT THE DOCTORAL LEVEL. CONFERENCES ARE TO BE HELD BETWEEN THE INITIATOR OF THE PROJECT (BUREAU OF EDUCATIONAL RESEARCH, UNIVERSITY OF DENVER), THE RESEARCHERS, AND LEGAL CONSULTANTS. THE RESEARCH IS TO BE DIRECTED TOWARD DEVELOPING SIGNIFICANT PRINCIPLES OF LAW RELATED TO THE ORGANIZATION AND OPERATION OF PUBLIC SCHOOL TRANSPORTATION SYSTEMS. (WN)

EP 011 361 24

THE DEVELOPMENT OF GUIDELINES FOR COOPERATIVE PURCHASING AGENCIES AND PROCEDURES FOR PUBLIC SCHOOL DISTRICTS IN THE UNITED STATES.

INVESTIGATOR--FORSYTHE, RALPH A.
DENVER UNIV., COLO.
BUREAU NUMBER BR-8-H-028
PROPOSAL DATE 20 MAR 68
GRANT OEG-8-8-080028-2011

DESCRIPTORS-- *COOPERATIVE PROGRAMS, *GUIDELINES, *MODELS, *PURCHASING, ADMINISTRATION, GUIDES, PUBLIC SCHOOLS, SHARED SERVICES, UNITED STATES PUBLIC SCHOOL DISTRICTS,

START DATE 06-24-68 END DATE 06-23-69

THIS PROJECT WILL DEAL WITH DETERMINING THE ORGANIZATIONAL STRUCTURE OF COOPERATIVE PURCHASING AGENCIES AND THEIR BIDDING PROCEDURES, CURRENT PURCHASE ITEMS, AND LEGALLY BINDING ARRANGEMENTS TO DEMONSTRATE MONEY SAVING PROBABILITIES THROUGH COOPERATIVE PUBLIC SCHOOL PURCHASING. GUIDELINES FOR COOPERATIVE PURCHASING PROCEDURES FOR PUBLIC SCHOOL DISTRICTS IN THE UNITED STATES WILL BE PREPARED. THE STUDY TO BE CONDUCTED IN SIX PHASES WILL INVOLVE--(1) DETERMINING PUBLIC SCHOOL DISTRICTS WHICH HAVE ORGANIZED FOR COOPERATIVE PURCHASING, (2) PREPARING A QUESTIONNAIRE FOR SURVEYING COOPERATIVE PURCHASING ORGANIZATIONS, (3) SELECTING TEN INSTITUTION FOR CASE STUDY, (4) DETERMINING TENTATIVE COOPERATIVE PURCHASING GUIDELINES THROUGH THE USE OF JURY TECHNIQUES, AND (6) PREPARING FINAL RECOMMENDATIONS AND DEVELOPING A MODEL FOR USE BY UNITED STATES PUBLIC SCHOOL DISTRICTS. (WN)

EP 011 362 24

THE EFFECTS OF HETEROGENEOUS GROUPING ON EIGHT GRADE STUDENTS IN SOCIAL STUDIES.

INVESTIGATOR--RODEHEAVER, JOSEPH N.
BERKELEY UNIFIED SCHOOL DISTRICT, CALIF.
BUREAU NUMBER BR-8-I-046
PROPOSAL DATE 14 SEP 67
GRANT OEG-9-8-081046-0113

DESCRIPTORS-- *GROUPING (INSTRUCTIONAL PURPOSES), *GROUPING PROCEDURES, *HETEROGENEOUS GROUPING, *HOMOGENEOUS GROUPING, *SOCIAL STUDIES, BERKELEY CALIFORNIA, BERKELEY UNIFIED SCHOOL DISTRICT, BUSD, GRADE 8,

START DATE 06-15-68 END DATE 06-30-69

THIS PROJECT WILL DEAL WITH THE EFFECTS OF HETEROGENEOUS GROUPING TO--(1) DETERMINE IF STUDENTS LEARN MORE IN A HETEROGENEOUS SETTING THAN A HOMOGENEOUS SETTING, (2) HELP ADMINISTRATORS AND TEACHERS STRUCTURE A QUALITY EDUCATIONAL PROGRAM ATTUNED TO THE DEMANDS OF "BEST" EDUCATIONAL PRACTICE, (3) HELP CREATE AN EDUCATIONAL PROGRAM RESPONSIVE TO NEEDS OF THE BERKELEY COMMUNITY (CALIFORNIA), AND (4) TO DEMONSTRATE THAT THE BERKELEY UNIFIED SCHOOL DISTRICT (BUSD) DECISION TO INTEGRATE PUPILS IS A RESPONSIBLE, WELL CONCEIVED, STATISTICALLY VALID PROGRESSIVE ACT. THE SOCIAL STUDIES SECTION OF THE SEQUENTIAL TESTS OF EDUCATIONAL PROGRESS (STEP) WILL BE ADMINISTERED TO ALL STUDENTS ENROLLED IN EIGHTH-GRADE SOCIAL STUDIES CLASSES WITHIN THE BUSD. ON THE BASIS OF PARENT RESPONSES TO A PREVIOUSLY ADMINISTERED QUERY THE ENTIRE ENTERING EIGHTH-GRADE POPULATION WILL BE DIVIDED INTO THREE GROUPS (VOLUNTEER, NON-VOLUNTEER AND NON-RESPONSE). STUDENTS FOR THE FOUR HETEROGENEOUS CLASSES WILL BE RANDOMLY SELECTED FROM THE VOLUN-

TEER GROUPS IN PROPORTION TO THEIR REPRESENTATION IN THE THREE SCHOOL GROUPS (TEN FROM GROUP ONE, ELEVEN FROM GROUP TWO, AND SEVEN FROM GROUP THREE). THE BALANCE OF THE VOLUNTEER GROUP WILL BE EVENLY AND RANDOMLY DISTRIBUTED IN REGULARLY GROUPED CLASSES SERVING AS CONTROLS. IN A SIMILAR MANNER THE NON-VOLUNTEER AND NON-RESPONSE SUBJECTS WILL BE DISTRIBUTED IN REGULARLY PROJECTED CLASSES. FIVE PARTICIPATING TEACHERS WILL THEN BE ASSIGNED TO CLASSES THEY WILL TEACH IN A MANNER TO FACILITATE CONTROL OF TEACHER COMPETENCE, PERSONALITY, AND EXPERIENCE. DIFFERENCES BETWEEN AND WITHIN THE CLASSES ON A SOCIAL STUDIES ACHIEVEMENT MEASURE WILL BE COMPARED AND TREATED WITH ANALYSIS OF VARIANCE AND COVARIANCE PROCEDURES AS WARRANTED TO DETERMINE THE EXISTENCE AND DEGREE OF ACHIEVEMENT DIFFERENCES IN HETEROGENEOUS AND HOMOGENEOUS CLASSES. (WN)

EP 011 363 24

LEARNING THROUGH AVIATION.

INVESTIGATOR—MULLEN, ROBERT

RICHMOND UNIFIED SCHOOL DISTRICT, CALIF.

BUREAU NUMBER BR-8-I-063

PROPOSAL DATE 26 OCT 67

GRANT OEG-9-8-081063-0110

DESCRIPTORS— *ASPIRATION, *BEHAVIOR CHANGE, *DISADVANTAGED YOUTH, *EDUCATIONAL INNOVATION, *MOTIVATION, ATTITUDES, BEHAVIOR, BUCHANAN FIELD, CALIFORNIA, CONCORD CALIFORNIA, FLIGHT TRAINING, GRADE 8, INNOVATION, NEGROES, RICHMOND CALIFORNIA, RICHMOND UNIFIED SCHOOL DISTRICT, STUDENT ATTITUDES,

START DATE 06-01-68 END DATE 05-31-69

THE EFFICACY OF AN INNOVATIVE COURSE TO MOTIVATE AND PRODUCE DESIRABLE CHANGES IN BEHAVIORAL STYLE, ASPIRATION LEVELS, AND SOCIAL COMPETENCIES WILL BE DETERMINED. SIXTY EIGHT-GRADE BOYS (30 AS EXPERIMENTAL SUBJECTS) WILL BE MATCHED ON THE BASIS OF SEX, AGE, RACE, PARENTAL PERMISSION, STANDARDIZED TEST SCORES, PREVIOUS GRADES, SES AND BEHAVIORAL RECORDS, AND CLASSSIFICATION AS UNDERACHIEVERS. AT LEAST TWO-THIRDS OF THE YOUTHS WILL BE NEGROES, CONSISTENT WITH THE RACE MIX OF THE SCHOOL IN THE RICHMOND UNIFIED SCHOOL DISTRICT (RICHMOND, CALIFORNIA). THE YOUTHS SELECTED ARE TO BE PHYSICALLY CAPABLE OF FLYING. THE EXPERIMENTAL GROUP WILL RECEIVE INSTRUCTION IN ENGLISH, SOCIAL STUDIES, MATHEMATICS, INDUSTRIAL ARTS, USING SPECIAL AVIATION-RELATED MATERIALS RATHER THAN STANDARD TEXTS. ADDITIONALLY THEY WILL BE TAKEN ON MANY AVIATION-RELATED FIELD TRIPS AND RECEIVE AT LEAST 12-HOURS OF FLIGHT INSTRUCTION IN CESSNA 150'S UNDER THE TUTELAGE OF HIGHLY EXPERIENCED PILOTS. REGULAR TEACHERS (FOUR) OF THE EXPERIMENTAL SUBJECTS WILL ALSO RECEIVE THE FLIGHT INSTRUCTION WHICH WILL CONSIST OF DUAL LOCAL AND CROSS COUNTRY INSTRUCTION AS WELL AS IN-FLIGHT PROBLEMS AND PROCEDURES. EVALUATIVE RESEARCH WILL ASSESS THE OUTCOMES BY MEASURING AND COMPARING CHANGE IN--(1) INFERRED CHANGE EXPRESSED AS ATTITUDES ALTERED TOWARD THE SCHOOL, IN SELF-CONCEPT AND LEVEL OF ASPIRATION, (2) DISCLOSED CHANGE AS EVIDENCED BY CLASSROOM BEHAVIOR, AND (3) OPERATIONAL CHANGE AS INDICATED BY STUDENT RECORDS. ADDITIONALLY THE FLEXIBILITY OF THE SCHOOL ADMINISTRATION IN MEETING GENERAL AND SPECIFIC PROBLEMS GENERATED BY THE INNOVATIVE COURSE WILL BE ASSESSED. A SURVEY OF TEACHER ATTITUDES TOWARDS DISADVANTAGED YOUTHS AND TOWARD THE PROGRAM WILL BE ACCOMPLISHED BY COMPARING BEFORE AND AFTER ATTITUDE TEST RESULTS. FOLLOW-UP INTERVIEWS ARE TO BE HELD WITH PARENTS, AND THE FLIGHT INSTRUCTORS WILL BE INTERVIEWED TO ASSESS THEIR REACTION TO THE PROGRAM AND ANECDOTAL RECORDS. (WN)

EP 011 364 24

A STUDY OF THE EFFECTS OF A COMBINED READING AND GROUP COUNSELING PROGRAM ON COMMUNITY COLLEGE STUDENTS.

INVESTIGATOR—PEARSON, DAVID T.

COLUMBIA BASIN COLL., PASCO, WASH.

BUREAU NUMBER BR-8-I-069

PROPOSAL DATE 23 OCT 67

GRANT OEG-9-8-081069-0129

DESCRIPTORS— *COMMUNITY COLLEGES, *GROUP COUNSELING, *INTERACTION ANALYSIS, *READING IMPROVEMENTS, ACHIEVEMENT, ACHIEVEMENT GAINS, COLLEGE STUDENTS, COLUMBIA BASIN COLLEGE, GROUP GUIDANCE, IMPROVEMENT, IMPROVEMENT PROGRAMS, PASCO WASHINTON, READING PROGRAMS, READING RESEARCH, READING SKILLS, WASHINGTON,

START DATE 06-18-68 END DATE 03-31-69

THE EFFECTS OF GROUP COUNSELING ON THE READING IMPROVEMENT OF STUDENTS ENROLLED IN COMMUNITY COLLEGE READING IMPROVEMENT CLASSES AT COLUMBIA BASIN COLLEGE (PASCO, WASHINGTON) WILL BE DETERMINED. TO TEST FOR EFFECTS OF GROUP COUNSELING, HALF THE STUDENTS VOLUNTARILY ENROLLED IN READING CLASSES DURING THE WINTER QUARTER WILL BE RANDOMLY SELECTED TO COMPRISE THE EXPERIMENTAL GROUP AND RECEIVE GROUP COUNSELING IN ADDITION TO READING INSTRUCTION. THE REMAINDER WILL ACT AS CONTROLS. BEFORE AND AFTER TESTS WILL BE ADMINISTERED TO MEASURE READING SKILLS, SELF CONCEPTS, ANXIETY LEVELS, STUDY HABITS, AND ATTITUDES. IMPROVEMENT IN ATTAINED GRADE POINT AVERAGE (GPA) WILL BE COMPARED WITH PREDICTED GPA (TO BE MEASURED IN THE QUARTER FOLLOWING THE EXPERIMENTAL TREATMENT. ANALYSIS OF COVARIANCE TECHNIQUES WILL BE USED TO DETERMINE WHETHER MEAN-DIFFERENCES AS MEASURED WITH BEFORE AND AFTER TESTS ARE SIGNIFICANT. AUDIO TAPE RECORDINGS OF THE WEEKLY GROUP COUNSELING SESSIONS ARE TO BE ANALYZED APPLYING THE CRITERIA OF THE HILL AND HILL MATRIX FOR ANALYZING GROUP INTERACTION ACCORDING TO THE DEPTH OF GROUP INVOLVEMENT IN GROUP AND INDIVIDUAL PROBLEMS AND FEELINGS. RESULTS WILL BE USED TO DETERMINE IF THE PROGRAM SHOULD BE CONTINUED AND EXPANDED. REPORTS WILL BE PREPARED FOR SUBMISSION TO THE U.S. OFFICE OF EDUCATION, TO OTHER WASHINGTON STATE COMMUNITY COLLEGES, THE WASHINGTON STATE COMMUNITY COLLEGE BOARD, AND IN ONE OR MORE PROFESSIONAL PUBLICATIONS. (WN)

EP 011 365 24

THE EFFECTS OF INDIVIDUAL DIFFERENCES ON OBSERVATIONAL LEARNING IN THE ACQUISITION OF A TEACHING SKILL.

INVESTIGATOR—KORAN, MARY L.

STANFORD UNIV., CALIF.

BUREAU NUMBER BR-8-I-073

PROPOSAL DATE 68

GRANT OEG-9-8-081073-0117

DESCRIPTORS— *INDIVIDUAL DIFFERENCES, *MODELS, *PERCEPTION, *TEACHER INTERNS, AUDIOVISUAL COMMUNICATION, AUDITORY PERCEPTION, QUESTIONING TECHNIQUES, SIMULATION, STANFORD CALIFORNIA, TEACHER EDUCATION, TEACHING METHODS, VERBAL ABILITY, VERBAL LEARNING, VISUAL PERCEPTION,

START DATE 05-03-68 END DATE 09-30-68

VERBAL AND PERCEPTUAL DIMENSIONS OF INDIVIDUAL DIFFERENCES WILL BE STUDIED AS RELATED TO THE EFFICACY OF TWO KINDS OF MODELING PROCEDURES ON THE ACQUISITION OF A TEACHING SKILL. FOLLOWING THE ADMINISTRATION OF SELECTED APTITUDE TESTS, APPROXIMATELY 150 STANFORD TEACHER INTERNS WILL BE RANDOMLY ASSIGNED TO THREE TREATMENT GROUPS--A PERCEPTUAL MODELING CONDITION USING FILMED PORTRAYAL OF THE SKILL TO BE LEARNED, A SYMBOLIC MODELING CONDITION USING VERBATIM TEXT OF THE SOUND TRACK FROM THE PERCEPTUAL MODEL, AND A NO-MODELING CONDITION CONTROL GROUP. THE CRITERION PERFORMANCE TO BE MEASURED IS THE FREQUENCY OF ANALYTIC QUESTIONING (THE MODELED BEHAVIOR). APTITUDE AND TREATMENT INTERACTIONS AS WELL AS THE MAIN EFFECTS OF THE TREATMENTS WILL BE EVALUATED USING COMPARISON REGRESSION SLOPES AND ANALYSIS OF VARIANCE AND COVARIANCE PROCEDURES. ABILITY VARIABLES CONSISTING OF CLOSURE FLEXIBILITY, SPEED OF PERCEPTION, SPATIAL SCANNING, AND SHORT TERM MEMORY ARE TO BE CONSIDERED WITH ASSOCIATION MEDIATION VARIABLES (VERBAL COMPREHENSION AND VERBAL-BEHAVIORAL TRANSFORMATION) AND RESPONSE INTEGRATION VARIABLES (VERBAL-MEMORY, AUDIOVISUAL MEMORY, AND VERBAL FLUENCY). (WN)

EP 011 366 24

FOLLOW-UP STUDY TO ASSESS CURRICULUM DEVELOPMENT INSTITUTE AND EVALUATE GUIDE TO CURRICULUM DEVELOPMENT.

INVESTIGATOR—KNAPP, B.H.

OREGON STATE UNIV., CORVALLIS

BUREAU NUMBER BR-8-I-076

PROPOSAL DATE 28 NOV 67

GRANT OEG-9-8-081076-0130

DESCRIPTORS— *CURRICULUM DEVELOPMENT, *EVALUATION, *GUIDES, *INSTITUTES *TRAINING PROGRAMS), *INSTRUCTIONAL MATERIALS, *VOCATIONAL EDUCATION, CORVALLIS OREGON, CURRICULUM GUIDES, OREGON STATE UNIVERSITY,

START DATE 06-17-68 END DATE 08-31-69

A CONTROLLED FOLLOW-UP STUDY WILL BE CONDUCTED TO ASSESS A CURRICULUM DEVELOPMENT INSTITUTE HELD AT OREGON STATE UNIVERSITY JUNE 14-18, 1967. ALSO A GUIDE TO VOCATIONAL EDUCATIONAL CURRICULUM DEVELOPMENT PREPARED AS A PRODUCT OF THE INSTITUTE IS TO BE EVALUATED. THIRTY INSTITUTE PARTICIPANTS AND THIRTY NON-PARTICIPANTS (WITH COMPARABLE CHARACTERISTICS) WILL BE SELECTED USING AS SELECTION CRITERIA GEOGRAPHIC LOCATION AND COMPOSITE RATINGS OBTAINED DURING THE SCREENING OF INSTITUTE APPLICANTS. ADDITIONAL DATA ARE TO BE GATHERED RELATED TO PROGRAM OBJECTIVES, TRAINING COMPONENTS, PERSONAL CHARACTERISTICS, GEOGRAPHIC REGIONS, AND INSTITUTE SELECTION FACTORS USING TECHNIQUES SUCH AS QUESTIONNAIRES, INTERVIEWS, CONTENT ANALYSIS OF MATERIALS DEVELOPED, AND ANALYSIS OF TAPE-RECORDED REPORTS FROM THOSE SELECTED FOR THE FOLLOW-UP STUDY. (WN)

EP 011 367 24

DEVELOPMENT OF AN INSTRUCTIONAL AID FOR A COURSE IN MULTIVARIATE EDUCATIONAL STATISTICS.

INVESTIGATOR—BHUSHAN, VIDYA

HAWAII UNIV., HONOLULU

BUREAU NUMBER BR-8-I-080

PROPOSAL DATE 67

GRANT OEG-9-8-081080-0131

DESCRIPTORS— *CORRELATION, *GRADUATE STUDY, *PROGRAMED INSTRUCTION, *STATISTICAL ANALYSIS, ALGEBRA, EDUCATIONAL RESEARCH, INSTRUCTIONAL MATERIALS, MATHEMATICS, MATRIX ALGEBRA, MULTIVARIATE ANALYSIS, STATISTICS,

START DATE 06-18-68 END DATE 06-30-69

A LINEAR INSTRUCTIONAL PROGRAM FOR MATRIX ALGEBRA WILL BE DEVELOPED FOR USE IN A FIRST COURSE IN MULTIVARIATE EDUCATIONAL STATISTICS. THE PURPOSE OF THE PROGRAM IS TO ENABLE GRADUATE STUDENTS TO ACQUIRE WITH PROGRAMED INSTRUCTION TECHNIQUES, THE PREREQUISITES FOR A MULTIVARIATE STATISTICS COURSE.

THE STATISTICS COURSE DEALING WITH PARTIAL CORRELATION, CANNONICAL CORRELATION, AND MULTIVARIATE ANALYSIS OF VARIANCE REQUIRES KNOWLEDGE OF MATRIX OPERATIONS, DETERMINANTS, LINEAR DEPENDENCE, VECTOR SPACES, AND THE CHARACTERISTIC EQUATION OF THE MATRIX. THE LINEAR PROGRAM IS TO BE DEVELOPED TO PROVIDE THIS KNOWLEDGE. MATERIALS FROM STANDARD TEXTS IN MATRIX ALGEBRA WILL BE INCORPORATED USING EXPERIENCE IN TEACHING THE SUBJECT AS A BASIS FOR SELECTING APPROPRIATE TEXT. REVIEWS OF THIS TYPE OF TEXT BY ANDERSON (1958) AND RAO (1965) WILL ALSO GUIDE THE SELECTION OF TEXT MATERIAL. A PRELIMINARY TRIAL OF THE PROGRAM WILL BE CARRIED OUT USING 20 UNIVERSITY OF CHICAGO GRADUATE STUDENTS (DEPARTMENT OF EDUCATION) AS SUBJECTS. AN ERROR ANALYSIS WILL BE PERFORMED IN ADDITION TO SAMPLING STUDENT REACTION TO THE PROGRAM. PRELIMINARY TRIAL RESULTS WILL BE USED TO IMPROVE THE PROGRAM. (WN)

EP 011 368 24

STIMULUS APPROACH TENDENCIES OF LEARNERS AS A FACTOR IN INSTRUCTIONAL MATERIALS EVALUATION.

INVESTIGATOR—BRUHA, JOHN J.
UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES
BUREAU NUMBER BR-8-1-081
PROPOSAL DATE 68
GRANT OEG-9-8-081081-0118
DESCRIPTORS— *EVALUATION CRITERIA, *EVALUATION METHODS, *FILMS, *MEDIA TECHNOLOGY, BIO COM MODEL 1010 TRANSDUCER, ELECTROMECHANICAL AIDS, EVALUATION, FILM PRODUCTION, LOS ANGELES CALIFORNIA, LOS ANGELES COUNTY, MEASUREMENT, PSYCHOPHYSIOLOGY, STUDENT EVALUATION,
START DATE 06-17-68 END DATE 12-31-68

A METHOD OF EVALUATING INSTRUCTIONAL MATERIALS WILL BE DEVELOPED WHICH INCLUDES APPROACH-TENDENCIES OF LEARNERS AND EVALUATORS TOWARD THE MATERIALS. RELATIONSHIPS WILL BE MADE BETWEEN EVALUATION STATEMENTS (STUDENTS AND EVALUATORS) AND THEIR SESSION CAPILLARY PULSE PRESSURES AS MEASURED BY A PULSE TRANSDUCER (BIO-COM MODEL 1010). TWO RANDOM SESSIONS OF THE LOS ANGELES COUNTY SCHOOLS' SECONDARY FILM EVALUATION COMMITTEE WILL BE CHOSEN FOR SELECTING THE POPULATION TO BE STUDIED. TWO OF THE FILM SHOWINGS OUT OF SIX OR EIGHT NORMALLY SHOWN AT EACH SESSION WILL BE USED TO FAMILIARIZE SUBJECTS WITH THE SENSING APPARATUS WHICH IS TO BE FITTED TO THE RIGHT INDEX FINGER TIP OF EACH SUBJECT WITH A LEAD TO A PULSE TRANSDUCER. PULSE PRESSURE RATINGS WILL BE TAKEN FOR THE REMAINING SESSIONS FOR EACH OF TEN EVALUATORS AND FOR EACH FILM SHOWN. IN ADDITION TO CAPILLARY PULSE PRESSURE DATA, THE OVERT EVALUATIONS OF THE MATERIALS WILL BE COLLECTED (COMPLETED EVALUATION FORMS). SIMILAR PROCEDURES WITH THE SAME MATERIALS WILL ALSO BE USED WITH TWO SEPARATE 11TH-GRADE GROUPS (LOS ANGELES COUNTY SCHOOLS). PULSE PRESSURES FOR EACH SESSION WILL BE FED INTO A COMPUTER USING A BIOMEDICAL COMPUTER ANALYSIS PROGRAM DEVELOPED AT UCLA TO COMPUTE PULSE PRESSURES FOR EACH FILM FOR EACH EVALUATOR AND INTER-RATER RELIABILITY FOR EACH FILM FOR EACH GROUP. CORRELATION WILL BE OBTAINED FOR EACH FILM FOR EACH GROUP BETWEEN THE SUM OF PULSE PRESSURES AND OVERTLY STATED EVALUATIONS. THE FILMS ARE TO BE ANALYZED IN DETAIL TO DETERMINE FILM CHARACTERISTICS WHICH GENERATE STRONG APPROACH OR STRONG AVOIDANCE TENDENCIES IN STUDENTS SO THAT FILM PRODUCERS WILL HAVE BETTER BASES FOR FILM PLANNING. (WN)

EP 011 369 24

AN EXPERIMENTAL STUDY OF THE DEGREE OF AFFECTIVE RESPONSE ELICITED BY SEVERAL MEDIATED AND NON-MEDIATED INSTRUCTIONAL METHODS.

INVESTIGATOR—SILBER, KENNETH M.
UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES
BUREAU NUMBER BR-8-1-082
PROPOSAL DATE 68
GRANT OEG-9-8-081082-0119
DESCRIPTORS— *ACTION RESEARCH, *ATTITUDES, *INTEREST RESEARCH, *MEDIA RESEARCH, *TAXONOMY, CALIFORNIA, COMPARATIVE ANALYSIS, EVALUATION, FILMS, FILMSTRIPS, LOS ANGELES, MEDIA TECHNOLOGY, MEDIATION THEORY, TAPE RECORDINGS,
START DATE 06-17-68 END DATE 12-31-68

THE STUDY WILL COMPARE THE EFFECTIVENESS OF ONE NON-MEDIATED (TEACHER PRESENTATION) AND SEVERAL MEDIATED PRESENTATIONS (FILM, FILMSTRIP, AND TAPE) TO EVALUATE THEIR POTENTIAL FOR ELICITING ATTITUDINAL RESPONSES (INTEREST AND ACTION). FINDINGS PERTINENT TO DIFFERENCES OBTAINED AMONG THE MEDIA WILL BE USED TO BEGIN DEVELOPMENT OF A TAXONOMY OF MEDIA ACCORDING TO AFFECTIVE RESPONSE. IT IS HYPOTHESIZED THAT ATTITUDINAL RESPONSES WILL BE INDEPENDENT OF SUBJECT MATTER AND THAT THE ORDER OF EFFECTIVENESS AS INDICATED BY PULSE PRESSURE, RANK ORDERING, BOOK SELECTION, AND MEDIA SELECTION WILL BE (1) FILM, (3) FILMSTRIP, (3) TAPE, AND (4) TEACHER PRESENTATION. STUDENTS IN EIGHT SIXTH-GRADE CLASSES WILL BE EXPOSED TO FOUR SEGMENTS OF STIMULUS MATERIAL DEALING WITH THE LIVES OF PEOPLE IN FOUR OTHER COUNTRIES. EACH OF THE SEGMENTS WILL BE PRESENTED BY A DIFFERENT MEDIA TO EACH CLASS WITH EACH CLASS RECEIVING THE MATERIAL TO BE LEARNED THROUGH DIFFERENT SUBJECT MATTER-MEDIA COMBINATIONS. A BALANCED DESIGN WILL BE USED TO CONTROL FOR PRESENTATION ORDER OF MEDIA AND SUBJECT MATTER. ADDITIONAL SIXTH-GRADE CLASSES WILL SERVE AS CONTROLS–FOUR RECEIVING A PRETEST ONLY, FOUR RECEIVING JUST A POSTTEST. (WN)

EP 011 370 08

SOCIAL SERVICE AIDE PROJECT FOR THE EDUCATION AND TRAINING OF SUBPROFESSIONALS.

INVESTIGATOR—REITZES, DIETRICH
YMCA OF METROPOLITAN CHICAGO, ILL.
BUREAU NUMBER BR-7-0329
PROPOSAL DATE 10 APR 68
GRANT OEG-0-8-070329-3694
DESCRIPTORS— *EDUCATIONAL PLANNING, *NATIONAL PROGRAMS, *OCCUPATIONAL INFORMATION, *TECHNICAL EDUCATION, *VOCATIONAL EDUCATION, INSTRUCTIONAL MATERIALS, MANPOWER NEEDS, NATIONAL PLANNING ASSOCIATION, PLANNING, PLANNING COMMISSIONS, PROGRAM PLANNING, SUBPROFESSIONALS,
START DATE 06-20-68 END DATE 06-20-71

THIS STUDY WILL BE DIRECTED TOWARD PROVIDING INFORMATION CONCERNING THE IMPLICATIONS OF CHANGING EDUCATIONAL REQUIREMENTS AND CAREER OPPORTUNITIES FOR SELECTING VOCATIONAL-TECHNICAL EDUCATION PLANNING PRIORITIES. THE RESEARCH IS INTENDED TO PROVIDE INFORMATION CONCERNING–(1) RELEVANCE OF CAREERS IN NEW AND EMERGING TECHNOLOGIES LIKE OCEANOLOGY, (2) IMPLICATIONS OF CHANGES IN EDUCATIONAL ATTAINMENT REQUIREMENTS AND CAREER OPPORTUNITIES ARISING FROM PURSUIT OF NATIONAL OBJECTIVES, (3) POTENTIAL IMPACT OF CAREER OPENINGS CREATED BY PURSUIT OF HIGH PRIORITY NATIONAL OBJECTIVES AND FLOW OF STUDENTS ENROLLED IN HIGH SCHOOL AND JUNIOR COLLEGE VOCATIONAL-TECHNICAL EDUCATION PROGRAMS, AND (4) PRIORITY AREAS FOR VOCATIONAL-TECHNICAL EDUCATION IN THE NEXT 15-YEARS AS DETERMINED BY THIS STUDY. THE STUDY WILL INCLUDE DEVELOPMENT OF NEW MATERIALS USING THE NATIONAL PLANNING ASSOCIATION'S GOALS FRAMEWORK TO INDICATE PROBABLE IMPLICATIONS OF PROGRAMS FOR REBUILDING CITIES, ENLARGING HEALTH AND EDUCATIONAL SERVICES, EXPANDING THE FRONTIERS OF KNOWLEDGE TECHNOLOGY, AND COPING MORE EFFECTIVELY WITH POVERTY. (WN)

EP 011 371 52

A STUDY OF THE COST OF MAINTAINING AND UPDATING LIBRARY CARD CATALOGS.

INVESTIGATOR—DOLBY, JAMES L.
R AND D CONSULTANTS CO., LOS ALTOS, CALIF.
BUREAU NUMBER BR-8-0292
PROPOSAL DATE 06 DEC 67
CONTRACT OEC-9-8-080292-0107
DESCRIPTORS— *CATALOGS, *COMPUTERS, *COSTS, *LIBRARY EXPENDITURES, *LIBRARY RESEARCH, BOOK CATALOGS, COMPARATIVE STATISTICS, COMPUTER SCIENCE, COST EFFECTIVENESS, LIBRARY REFERENCE SERVICES, LOS ALTOS CALIFORNIA,
START DATE 06-28-68 END DATE 06-27-69

THE COST OF MAINTAINING AND UPDATING LIBRARY CARD CATALOGS WILL BE INVESTIGATED. THE STUDY WILL BE AIMED AT COLLECTING INFORMATION FROM A NUMBER OF DIFFERENT TYPES AND SIZES OF LIBRARIES AND ALLOCATING COSTS TO PARTS OF THE OPERATION. PARTICULAR ATTENTION WILL BE GIVEN THE COST OF DETECTING AND CORRECTING ERRORS AS OPPOSED TO THE COSTS OF NOT CORRECTING THE ERRORS. A CAREFUL ANALYSIS WILL BE MADE OF THE COST OF USING THE CATALOG (INCLUDING THE COST OF LIBRARIAN'S USE). COST FACTORS WILL BE COMPARED WITH FINDINGS OBTAINED FROM AN EVALUATION (NOW IN PROGRESS) OF THE COST AND UTILITY OF COMPUTERIZED LIBRARY CATALOGS. COST AND USAGE STUDIES WILL BE BASED ON LIBRARY VISITATIONS, TESTS OF RANDOM SAMPLES OF LIBRARY HOLDINGS, AND PUBLISHED STUDIES OF CATALOG OPERATIONS. (WN)

EP 011 372 56

INTERNATIONAL USES OF MEDIA AND CROSS-CULTURAL COMPARISONS.

INVESTIGATOR—LYBRAND, WILLIAM A.
AMERICAN UNIV., WASHINGTON, D.C.
BUREAU NUMBER BR-8-0471
PROPOSAL DATE 20 FEB 68
CONTRACT OEC-3-8-080471-0059
DESCRIPTORS— *COMPARATIVE EDUCATION, *EDUCATIONAL PLANNING, *INTERNATIONAL EDUCATION, *MEDIA, *SCHOOL DESIGN, COMPARATIVE ANALYSIS, CULTURE, EDUCATIONAL PROBLEMS, SUBCULTURE, THE NEW MEDIA,
START DATE 06-24-68 END DATE 06-23-70

AVAILABLE INFORMATION WILL BE COLLECTED, ANALYZED, AND ORGANIZED USING MEDIA AS A CORE COMPONENT RELEVANT TO NEW SCHOOL SYSTEM DESIGN APPROACHES. INTERNATIONAL USES OF MEDIA AS A CORE COMPONENT OF SCHOOL SYSTEM DESIGN (SUCH AS THOSE USED IN NIGER, JAPAN, SAMOA) WILL BE STUDIED. THE STUDY WILL BE CONDUCTED IN THREE PHASES–(1) ANALYZING EDUCATIONAL PROBLEMS IN SELECTED UNITED STATES SUBCULTURES USING AN ADVISORY GROUP SPECIALIZING IN RESEARCH ON EDUCATIONAL PROBLEMS OF THE DISADVANTAGED, AND EDUCATION COST-BENEFIT ANALYSES, (2) DEVELOPING INFORMATION REQUIREMENTS FOR OVERSEAS CASE STUDIES TO BE DEVELOPED FOLLOWING THE BROAD OUTLINES OF A UNESCO REPORT, "THE NEW MEDIA–MEMO TO EDUCATIONAL PLANNERS," BY W. SCHRAMM AND OTHERS (1967) AND CONDUCT OF OVERSEAS CASE STUDIES TO FACILITATE CROSS CULTURAL ANALYSIS, AND (3) CROSS CULTURAL COMPARATIVE ANALYSIS SYSTEMATICALLY RELATING THE EFFECTIVENESS AND COSTS OF SPECIFIC CORE MEDIA USE TO DIFFERENT TYPES OF PROBLEMS IN ALL ASPECTS OF THE EDUCATIONAL SYSTEM

ENVIRONMENT. THE PROBLEM ANALYSES, CASE STUDIES, AND RESULTS OF THE COMPARATIVE ANALYSES WILL BE INCLUDED IN A FINAL REPORT. ALSO, PROFESSIONAL STAFF MEMBERS MAY USE THE DATA COLLECTED AS A BASIS FOR PREPARING PAPERS FOR EDUCATIONAL AND SCIENTIFIC JOURNALS OR PRESENTATION AT PROFESSIONAL SOCIETY MEETINGS. (WN)

EP 011 373 24

AN EXAMINATION OF THE SOCIO-ECONOMIC IMPLICATIONS OF THE ADOPTION OF INDIVIDUALLY PRESCRIBED INSTRUCTION SYSTEMS BY SCHOOL SYSTEMS.

INVESTIGATOR—SIMMONS, JAMES C. GARVUE, ROBERT J.
FLORIDA ST. UNIV., TALLAHASSEE
BUREAU NUMBER BR-8-0480
PROPOSAL DATE 01 FEB 68
CONTRACT OEC-0-8-080480-4477
DESCRIPTORS— *COMMUNITY CHANGE, *INDIVIDUALIZED INSTRUCTION, *SOCIAL CHANGE, *SOCIOECONOMIC INFLUENCES, EDUCATIONAL ENVIRONMENT, FAMILY ENVIRONMENT, FLORIDA, GADSDEN COUNTY, INDIVIDUALIZED PROGRAMS, JACKSONVILLE, SOCIAL ENVIRONMENT,
START DATE 06-24-68 END DATE 12-31-68
SOCIOECONOMIC IMPLICATIONS OF THE ADOPTION OF INDIVIDUALLY PRESCRIBED INSTRUCTIONAL SYSTEMS (IPI) WILL BE STUDIED. OBJECTIVES OF THE STUDY INCLUDE--POSTULATING SOCIOECONOMIC CONSEQUENCES OF ADOPTING IPI SYSTEMS BY SCHOOLS, ATTEMPTING TO QUANTIFY SOME OF THE MAJOR ECONOMIC CHANGES THAT MAY ATTEND IPI ADOPTION, AND INDICATING MEASURES WHICH SHOULD BE TAKEN FOR A COMMUNITY TO ADAPT TO IPI IMPACT MOST BENEFICIALLY AND IN THE SHORTEST TIME. MAJOR IPI SYSTEMS IN OPERATION WILL BE EXAMINED TO IDENTIFY--CHARACTERISTICS OF IPI THAT DIFFERENTIATE IT FROM 'STANDARD' INSTRUCTIONAL SYSTEMS, CHANGES WHICH ARE POSSIBLE OR REQUIRED WITH THE ADOPTION OF IPI, SOCIOECONOMIC CONSEQUENCES OF THESE CHANGE, AND QUANTIFICATION OF THE SOCIOECONOMIC RAMIFICATIONS. THE STUDY WILL CONCENTRATE ON COMMUNITY PROGRAMS (RECREATION AND CIVIL ORDER), FAMILY GROUP (VOCATIONING AND CHILD CARE), INDUSTRY AND BUSINESS (SCHEDULING OF VACATIONS AND ABSENTEEISM), TOURIST TRADE (EMPLOYMENT AND FACILITIES), LABOR MARKET (PART-TIME EMPLOYMENT AND THE INFLUX OF HIGH SCHOOL GRADUATES), AND EDUCATION (TEACHER SALARIES, BUDGETS, STUDENT TRANSFER, SCHOOL-LEAVING AGE MINIMUMS, STANDARDS OF INSTRUCTION, STUDENT PROGRESS RATES, COMPUTER-MANAGED INSTRUCTION, AND STATE AND LOCAL FISCAL POLICIES). SITE VISITATIONS AND INTERVIEWS WILL BE USED TO ACQUIRE DATA FOR THE COMPARATIVE ANALYSES. INTERVIEWEES WILL BE PRIMARILY FROM JACKSONVILLE (GADSDEN COUNTY, FLORIDA). (WN)

EP 011 374 24

ERIC CLEARINGHOUSE ON HIGHER EDUCATION.

INVESTIGATOR—BRIGHT, HAROLD F.
GEORGE WASHINGTON UNIV., WASHINGTON, D.C.
BUREAU NUMBER BR-8-0487
PROPOSAL DATE 29 FEB 68
CONTRACT OEC-0-9-180487-0763
DESCRIPTORS— *CLEARINGHOUSES, *HIGHER EDUCATION, *INFORMATION DISSEMINATION, *INFORMATION SYSTEMS, *LITERATURE REVIEWS, BIBLIOGRAPHIES, DISTRICT OF COLUMBIA, EDUCATIONAL RESOURCES INFORMATION CENTER, ERIC, GEORGE WASHINGTON UNIVERSITY, INFORMATION RETRIEVAL, INFORMATION SERVICES, INFORMATION SOURCES,
START DATE 09-01-68 END DATE 08-31-71
AN ERIC CLEARINGHOUSE FOR HIGHER EDUCATION WILL BE ESTABLISHED AT THE GEORGE WASHINGTON UNIVERSITY, DISTRICT OF COLUMBIA. OBJECTIVES OF THE CLEARINGHOUSE WILL BE TO PROVIDE EDUCATORS AND OTHER INTERESTED PERSONS WITH CURRENT INFORMATION ON RESEARCH, RESEARCH-RELATED ACTIVITIES, AND RESOURCES IN HIGHER EDUCATION. THE CLEARINGHOUSE IS CONCEIVED AS A FEEDBACK SYSTEM WITH THE CAPABILITY OF MODIFYING ITS FOCUS ON DEVELOPING ISSUES IN THE NATIONAL EDUCATION SYSTEM. THE CLEARINGHOUSE IN COLLABORATION WITH THE ERIC SYSTEM (USOE) WILL PROVIDE SERVICES REQUIRED TO ACQUIRE, EVALUATE, PROCESS, STORE, RETRIEVE AND DISSEMINATE HIGHER EDUCATION MATERIALS. A FEATURE OF THE ORGANIZATIONAL STRUCTURE OF THE CLEARINGHOUSE WILL CONSIST OF A COORDINATING COMMITTEE (COMPRISED OF DESIGNATED STAFF MEMBERS OF READILY AVAILABLE MAJOR VOLUNTARY HIGHER EDUCATION ASSOCIATIONS). HEAVY RELIANCE WILL BE PLACED ON THIS COMMITTEE FOR MATERIAL REVIEWS AND DISSEMINATION OF BIBLIOGRAPHIES AND SPECIAL LITERATURE REVIEWS. (WN)

EP 011 375 08

DEVELOPMENT OF GENERALIZABLE EDUCATIONAL PROGRAMS IN LASER AND ELECTRO-OPTICAL TECHNOLOGY.

INVESTIGATOR—DUGGER, ROY W.
TECHNICAL EDUCATION RESEARCH CTR., WACO, TEX.
BUREAU NUMBER BR-8-0491
PROPOSAL DATE 4 MAR 68
GRANT OEG-0-080491-4701
DESCRIPTORS— *CURRICULUM PLANNING, *ELECTRO OPTICAL TECHNOLOGY, *EVALUATION, *OCCUPATIONAL INFORMATION, *TECHNICAL EDUCATION, CURRICULUM DESIGN, CURRICULUM DEVELOPMENT, CURRICULUM EVALUATION, ELECTRO OPTICAL OCCUPATIONS, JAMES CONNOLLY TECHNICAL INSTITUTE, OCCUPATIONAL CLUSTERS, OCCUPATIONAL SURVEYS, OCCUPATIONS, TECHNICAL EDUCATION RESEARCH CENTER, TECHNOLOGY, TEXAS A AND M, WACO TEXAS,
START DATE 06-30-68 END DATE 07-31-72
INTERDISCIPLINARY POST-HIGH SCHOOL TECHNICAL EDUCATION PROGRAMS IN LASER AND ELECTRO-OPTICAL TECHNOLOGY WILL BE DEVELOPED, PILOT TESTED, AND EVALUATED. THE PROGRAM IS TO BE CARRIED OUT IN FOUR PHASES. THE FIRST PHASE WILL BE AN OCCUPATIONAL ANALYSIS OF ELECTRO-OPTICAL OCCUPATIONS TO PROVIDE A FACTUAL BASIS FOR CURRICULUM PLANNING. MAJOR TYPES OF EMPOYERS WILL BE SURVEYED TO DETERMINE THE CHARACTERISTICS AND FUNCTIONS OF ELECTRO-OPTICAL TECHNICIANS (EOT) AS WELL AS TYPES OF JOB OPPORTUNITIES. KNOWLEDGE AND SKILL REQUIREMENTS AND PERFORMANCE CHARACTERISTICS FOR THE VARIOUS LEVELS OF EOT'S WILL BE DETERMINED (PROJECTED TO 1970-75). SUBSEQUENT PHASES ARE TO DEAL WITH (A) DESIGNING GENERALIZABLE PROGRAMS TO PREPARE TECHNICANS, (B) DEVELOPING, TESTING, AND EVALUATING THE PROGRAMS, AND (C) REFINING, FURTHER TESTING, AND EVALUATING CURRICULUM MATERIALS DEVELOPED WITHIN THE ORIGINAL PILOT SCHOOLS (SPRINGFIELD TECHNICAL INSTITUTE, SPRINGFIELD, MASSACHUSETTS, THE TECHNICAL INSTITUTE OF OKLAHOMA STATE UNIVERSITY, LOWELL TECHNOLOGICAL INSTITUTE, LOWELL, MASSACHUSETTS, AND PARKLAND COLLEGE, CHAMGAIGN, ILLINOIS) AND WITHIN A LARGER GROUP OF EXPERIMENTAL SCHOOLS. AT THE COMPLETION OF THE LAST PHASE OF THE PROGRAM INTEGRATED, TESTED, AND EVALUATED MATERIALS WILL BE AVAILABLE FOR ESTABLISHING TECHNICIAN EDUCATION AND TRAINING CLOSELY COORDINATED WITH ACTUAL AND DEVELOPING NEEDS OF SOCIETY. (WN)

EP 011 376 52

THE ORGANIZATION AND OPERATION OF EDUCATIONAL RESOURCES SELECTION CENTERS--IDENTIFICATION AND ANALYSIS OF CURRENT PRACTICES AND GUIDELINES FOR MODEL CENTERS.

INVESTIGATOR—ROWELL, JOHN AND OTHERS
NATIONAL BOOK COMMITTEE INC., NEW YORK, N.Y.
BUREAU NUMBER BR-8-0515
PROPOSAL DATE 68
CONTRACT OEC-0-8-080515-4438
DESCRIPTORS— *GUIDELINES, *INSTRUCTIONAL MATERIALS, *INSTRUCTIONAL MATERIALS CENTERS, *RESOURCE CENTERS, *SELECTION, ELEMENTARY EDUCATION, GUIDES, LIBRARY MATERIAL SELECTION, LIBRARY SCIENCE, METHODOLOGY, MODELS, NEW YORK, RESOURCE GUIDES, SECONDARY EDUCATION, THE NATIONAL BOOK COMMITTEE,
START DATE 06-24-68 END DATE 12-23-70
FACILITIES AND PROGRAMS WHICH INTRODUCE TEACHERS, LIBRARIANS, AND OTHER PROFESSIONAL ADULTS TO THE WIDE RANGE OF MATERIALS AVAILABLE TO SUPPORT ELEMENTARY AND SECONDARY EDUCATION WILL BE SURVEYED. THE SURVEY TO BE CONDUCTED AT STATE, REGIONAL, AND LOCAL LEVELS IS AIMED AT IMPROVING INSTRUCTIONAL MATERIALS SELECTION PROCEDURES AND DISSEMINATING INFORMATION ABOUT THE IMPLEMENTATION OF THESE PROCEDURES. THE PROJECT TO BE CONDUCTED IN FOUR PHASES INCLUDES--OVERALL PREPARATION FOR THE PROJECT, PREPARATION FOR DATA ACQUISITION, CONDUCT OF SURVEY, ANALYSIS AND REPORT OF THE FINDINGS, FORMULATION OF GUIDELINES FOR A VARIETY OF EDUCATIONAL RESOURCE SELECTION CENTERS, IMPLEMENTATION OF THE GUIDELINES TO ESTABLISH MODEL EDUCATIONAL RESOURCE SELECTION CENTERS, AND A COMPREHENSIVE EVALUATION OF THE ESTABLISHED CENTERS. OVERALL RESULTS ARE TO BE PUBLICIZED WITH A BOOK BASED ON THE GUIDELINES AND THE SURVEY ANALYSIS, A FILM ABOUT THE FUNCTION AND SERVICES OF THE MODEL CENTERS, PUBLICATION OF A DISCUSSION AND STUDY GUIDE TO ACCOMPANY THE FILM, AND A PROGRAM OF DISSEMINATING PROJECT INFORMATION. (WN)

EP 011 377 24

AN UNDERGRADUATE MAJOR IN EDUCATIONAL RESEARCH FOR THE BACHELOR OF ARTS STUDENT.

INVESTIGATOR—MOORE, J. WILLIAM
BUCKNELL UNIV., LEWISBURG, PA.
BUREAU NUMBER BR-8-0662
PROPOSAL DATE 04 APR 68
CONTRACT OEC-0-8-980662-4456
DESCRIPTORS— *EDUCATIONAL PROGRAMS, *EDUCATIONAL RESEARCHERS, *PROFESSIONAL EDUCATION, *PROFESSIONAL TRAINING, *UNDERGRADUATE STUDY, BACHELORS DEGREES, LEWISBURG PENNSYLVANIA, PROGRAM DEVELOPMENT, RESEARCH METHODOLOGY, RESEARCH OPPORTUNITIES, RESEARCH SKILLS,
START DATE 06-24-68 END DATE 06-23-71
AN EDUCATIONAL PROGRAM WILL BE DEVELOPED TO PREPARE STUDENTS (AT THE BACHELOR OF ARTS LEVEL) TO BECOME EDUCATIONAL RESEARCHERS. THE PROGRAM WILL TREAT EDUCATION AS AN AREA OF INQUIRY INVOLVING STUDENTS IN EDUCATIONAL RESEARCH AT AN EARLY AGE THUS INCREASING THEIR PRODUCTIVE YEARS. THE PROGRAM WILL MAKE USE OF ONGOING RESEARCH PROGRAMS AT BUCKNELL UNIVERSITY IN THE NATURAL ENVIRONMENT RESEARCH LABORATORIES OF 18 SCHOOL DISTRICTS IN PENNSYLVANIA. A TOTAL OF 10 EDUCATION MAJORS WILL BE ADMITTED AT THE SOPHOMORE LEVEL FOR EACH CLASS (A TOTAL OF 30 OVER A FOUR-YEAR PERIOD). PREFERENCE WILL BE GIVEN TO MALE STUDENTS USING CUMULATIVE GRADE POINT AVERAGE (2.5 ON A FOUR SCALE) AS A SELECTION PARAMETER AND DEMONSTRATED ABILITY TO TOLERATE AM-

BIGUITY AND SEE INTERRELATIONSHIPS AMONG VARIABLES (AS DETERMINED BY FACULTY INTERVIEWING OF CANDIDATES). THE PROGRAM WILL INCLUDE--A CONTINUING SERIES OF LABORATORY EXPERIENCES, AND A SERIES OF COURSES TO PROVIDE STUDENTS WITH EDUCATIONAL EXPERIENCE TO PERCEIVE RELATIONSHIPS BETWEEN THE EDUCATIONAL RESEARCHER ROLES IN EXPLAINING OR PREDICTING MORE EFFECTIVE MEANS AND THE MEANS THAT PHILOSOPHERS USE TO DETERMINE WHAT THE EDUCATIONAL OBJECTIVES SHOULD BE. COURSES WILL BE INCLUDED TO PROVIDE THEORETICAL BACKGROUNDS AS A BASIS FOR EXPLANATION AND PREDICTION, AND TO PROVIDE A KNOWLEDGE OF MEASUREMENT, MEASUREMENT INSTRUMENTS, RESEARCH DESIGN, RELATIONSHIPS BETWEEN RESEARCH DESIGN AND THEORY, AND EVALUATION TECHNIQUES AND PURPOSES. (WN)

EP 011 378 56

THE EDUCATIONAL INFORMATION NETWORK (EIN).

INVESTIGATOR--KEENAN, THOMAS A.
MORSE, HARRISON R.
INTERUNIVERSITY COMMUNIC. COUNC., BETHESDA, MD.
BUREAU NUMBER BR-8-0697
PROPOSAL DATE 19 APR 68
GRANT OEG-0-8-080697-4468
DESCRIPTORS-- *COMPUTER PROGRAMS, *COOPERATIVE PROGRAMS, *INFORMATION SERVICES, *INFORMATION SYSTEMS, *NETWORKS, CATALOGS, COLLEGES, COMPUTER SCIENCE, COMPUTERS, EDUCATIONAL INFORMATION NETWORK (EIN), EDUCOM, EDUNET, INFORMATION DISSEMINATION, INFORMATION SOURCES, UNIVERSITIES,
START DATE 06-30-68 END DATE 06-30-70

AN EDUCATION INFORMATION NETWORK (EIN) WILL BE ESTABLISHED AND OPERATED BY EDUCOM (INTERUNIVERSITY COMMUNICATIONS COUNCIL). EIN WILL BE A NETWORK FOR SHARING COMPUTATIONAL CAPABILITY AMONG NETWORK RESOURCE AND USER NODES. EXISTING AND PROPOSED NETWORKS ARE TO BE STUDIED AND CRITICALLY EVALUATED. WORKING RELATIONSHIPS WILL BE ESTABLISHED WITH DEVELOPING NETWORKS TO FOSTER COMPATIBILITY, AVOID DUPLICATION OF EFFORT, AND TO DISCOVER DESIRABLE CAPABILITIES THAT CAN BE MADE MORE WIDELY ACCESSIBLE. IMMEDIATE PRODUCTS OF THIS PROJECT WILL BE REPORTS OF THE SUCCESSES AND FAILURES OF EXISTING NETWORKS AND A REGULARLY MAINTAINED CATALOG OF COMPUTER CAPABILITIES THAT CAN BE ACCESSED THROUGH EIN (AN OUTGROWTH OF EDUNET). EIN WILL BE AN ORGANIZATIONAL NETWORK BASICALLY CONCERNED WITH THE FLOW OF NETWORK META-INFORMATION (BILLING, COST ACCOUNTING INSTRUCTIONS, STANDARDS, PERFORMANCE DATA AND DATA CONCERNING THE STATE OF THE NETWORKS). (WN)

EP 011 379 24

ALTERNATIVE SYSTEMS FOR PUBLIC SUPPORT OF HIGHER EDUCATION AND THEIR SOCIOLOGICAL IMPLICATIONS.

INVESTIGATOR--ETZIONI, AMITAI
BUREAU OF SOCIAL SCIENCE RESEARCH INC., WASH.,D.C.
BUREAU NUMBER BR-8-0700
PROPOSAL DATE 68
CONTRACT OEC-0-9-180700-0765
DESCRIPTORS-- *EDUCATIONAL SOCIOLOGY, *FINANCIAL POLICY, *FINANCIAL SUPPORT, *HIGHER EDUCATION, *PUBLIC SUPPORT, CENTER FOR ADVANCED RESEARCH AND STUDY, COLUMBIA UNIVERSITY, COMPARATIVE ANALYSIS, ECONOMIC RESEARCH, EDUCATIONAL RESEARCH, NEW YORK CITY, SCHOOL FUNDS, SOCIOECONOMIC INFLUENCES, SOCIOLOGY,
START DATE 09-01-68 END DATE 09-30-69

THIS PROJECT OVER A 15-MONTH PERIOD WILL STUDY THE SOCIOLOGICAL IMPLICATIONS AND CONSEQUENCES OF ALTERNATIVE SYSTEMS FOR SUPPORTING CONTEMPORARY UNITED STATES HIGHER EDUCATION. SPECIFIC TOPICS TO BE STUDIED INCLUDE (BUT ARE NOT LIMITED TO) ALTERNATIVE WAYS OF FUNDING, ALTERNATIVE LEVELS OF FUNDING, ADMINISTRATIVE COSTS, EFFECTS ON CLASS DISTRIBUTION OF STUDENTS, EFFECTS ON ETHNIC AND RACIAL DISTRIBUTION OF STUDENTS, EFFECTS ON REGIONAL IMBALANCE, EFFECTS ON INTERSTATE STUDENT MIGRATION, EFFECTS ON MANPOWER IMBALANCES AND PLANNING, AND COMPATIBILITY WITH THE AMERICAN HERITAGE. FINDINGS ARE TO BE REPORTED AND USED TO TRAIN SOCIOLOGISTS IN EDUCATIONAL RESEARCH AND AS A SAMPLE OF POLICY-RESEARCH TYPIFYING THAT ADVOCATED FOR A PROPOSED CENTER FOR ADVANCED RESEARCH AND STUDY. (WN)

EP 011 380 24

REGIONAL COOPERATIVE PROJECT AMONG HIGHER EDUCATION INSTITUTIONS AND COORDINATING AGENCIES TO DESIGN, DEVELOP AND IMPLEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON UNIFORM DATA ELEMENTS.

INVESTIGATOR- MINTER, W. JOHN
WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION
BUREAU NUMBER BR-8-0708
PROPOSAL DATE 17 APR 68
CONTRACT OEC-0-8-980708-4533
DESCRIPTORS-- *COOPERATIVE PROGRAMS, *COST EFFECTIVENESS, *DATA, *HIGHER EDUCATION, *INFORMATION SYSTEMS, ARIZONA, CALIFORNIA, COLORADO, COST, HAWAII, IDAHO, ILLINOIS BOARD OF HIGHER EDUCATION, INFORMATION CENTERS, INFORMATION SERVICES, INPUT OUTPUT ANALYSIS, MANAGEMENT, MANAGEMENT GAMES, MONTANA, NEVADA, NEW MEXICO, SIMULATION, TRAINING, UNIVERSITY OF ALASKA, UTAH, WASHINGTON, WICHE, WYOMING,
START DATE 06-21-68 END DATE 05-31-73

THE WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION (WICHE) WILL DESIGN, DEVELOP, AND IMPLEMENT MANAGEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON DATA ELEMENTS AT LOCAL AND STATE LEVELS. THE 14-STATE COOPERATIVE PROJECT WILL IMPROVE THE CAPABILITY OF COMMUNITY COLLEGES, COLLEGES, UNIVERSITIES, AND PUBLIC OR PRIVATE HIGHER EDUCATION COORDINATING UNITS TO EFFECTIVELY ALLOCATE RESOURCES AND PROVIDE ON A CONTINUING BASIS COMPARABLE DATA ON THE COSTS OF INSTRUCTIONAL PROGRAMS. THE EFFORT WILL ALSO INCLUDE--(1) INITIAL IDENTIFICATION OF INSTITUTIONAL INPUT-OUTPUT INDICATORS FOR INSTRUCTIONAL, RESEARCH, AND EXTERNAL SERVICE PROGRAMS (QUALITATIVE AND QUANTITATIVE INDICATORS) RELATED TO EDUCATIONAL COSTS, (2) CONDUCTING AN EDUCATIONAL PROGRAM AND SEMINARS ON SYSTEMS ANALYSIS, OPERATIONS RESEARCH, PROGRAM BUDGETING, COST-BENEFIT ANALYSIS AND USE OF SIMULATORS FOR TRAINING ADMINISTRATORS, AND (3) PUBLICATION OF INFORMATION ABOUT THE PROJECT WITH PROCEDURES FOR PARTICIPATION BY AGENCIES AND INSTITUTIONS OUTSIDE OF WICHE. THE PROJECT WILL BE COORDINATED WITH OTHER REGIONS AT THE NATIONAL LEVEL USING COMPARABLE DATA AMONG COOPERATING WICHE INSTITUTIONS. (WN)

EP 011 381 24

ANALYSIS OF THE NEED FOR AND FEASIBILITY OF MORE EFFECTIVE DISTRIBUTION OF GOVERNMENT-SUPPORTED NON-WRITTEN MATERIALS.

INVESTIGATOR--MARGOLIN, JOSEPH
MAHONEY, JAMES E.
GEORGE WASHINGTON UNIV., WASHINGTON, D.C.
BUREAU NUMBER BR-8-0716
PROPOSAL DATE 68
CONTRACT OEC-0-8-000716-4457
DESCRIPTORS-- *FEASIBILITY STUDIES, *INFORMATION DISSEMINATION, *INFORMATION NEEDS, *NONPRINT MATERIALS, *REALIA, AGENCIES, DISTRICT OF COLUMBIA, FEDERAL GOVERNMENT, FEDERAL PROGRAMS, INFORMATION SERVICES, MANIPULATIVE MATERIALS, MATERIAL DEVELOPMENT, MEDIA, STATE GOVERNMENT, STATE PROGRAMS, THREE DIMENSIONAL AIDS,
START DATE 06-21-68 END DATE 12-10-69

THE BASIC OBJECTIVES OF THIS PROJECT WILL BE TO DEVELOP METHODS FOR IMPROVING THE DISSEMINATION OF INFORMATION ABOUT GOVERNMENT SPONSORED NON-WRITTEN MATERIALS, AND TO DEVELOP ALTERNATIVE METHODS FOR DISSEMINATING GOVERNMENT SPONSORED NON-WRITTEN MATERIALS. STEPS TO BE TAKEN INCLUDE--(1) DEFINITION AND ISOLATION OF SIGNIFICANT REPRESENTATIVE NONPRINT MATERIALS, (2) STUDY OF CURRENT DISSEMINATION SYSTEMS, (3) STUDY OF CURRENT FEEDBACK SYSTEMS OF INFORMATION ABOUT NEEDS AND PROBLEMS AT THE U.S. OFFICE OF EDUCATION DECISIONMAKING LEVELS, (4) ISOLATION AND STUDY OF CRITICAL POINTS FOR POSSIBLE INTERVENTION TO EFFECT IMPROVEMENT, (5) PROJECTION OF FUTURE DISSEMINATION PROCESS NEEDS OF THE OFFICE OF EDUCATION, (6) DEVELOPMENT OF IMPROVED INFORMATION FEEDBACK SYSTEMS, AND (7) DEVELOPING ALTERNATIVE METHODS FOR IMPROVING THE INFORMATION ON AVAILABILITY OF GOVERNMENT-SPONSORED NONPRINT MATERIALS, AND DISSEMINATION AND DISTRIBUTION PROCESSES. THE STUDY WILL INCLUDE GOVERNMENT AGENCIES, COMMERCIAL AND NON-PROFIT ORGANIZATIONS, A SAMPLE OF 12 TO 14 STATE AND LOCAL SCHOOL SYSTEMS, EDUCATIONAL LABORATORIES, AND UNIVERSITY DISSEMINATION PROCESSES. EXPERT CONSULTANTS WILL BE USED TO SUPPLEMENT CONTRIBUTIONS TO BE SOLICITED FROM GEORGE WASHINGTON UNIVERSITY SPECIALISTS IN THE AREAS OF EDUCATION, PSYCHOLOGY, SYSTEMS AND ORGANIZATION MANAGEMENT, EDUCATIONAL MEDIA DESIGN, ECONOMICS, LAW, AND LIBRARY AND INFORMATION SCIENCES. FIELD STUDIES, INTERVIEWS, QUESTIONNAIRES, AND OTHER STANDARD DATA ACQUISITION TECHNIQUES WILL BE USED. DATA OBTAINED ARE TO BE ANALYZED USING IMPROVED MODELS OF THE SYSTEMS IN CONCERT WITH MICRO-ANALYSIS TO ISOLATE KEY DECISION POINTS, AND WITH DISCIPLINE ORIENTED ANALYSES. (WN)

EP 011 382 08

DEVELOPMENT OF A CURRICULUM DESIGNED TO PREPARE DISADVANTAGED PERSONS OF THE COMPTON HIGH SCHOOL AREA FOR EMPLOYMENT IN THE HEALTH OCCUPATIONS.

INVESTIGATOR--CLARK, BERNARD AND OTHERS
COMPTON HIGH SCHOOL DISTRICT, CALIF.
BUREAU NUMBER BR-8-0748
PROPOSAL DATE 24 APR 68
GRANT OEG-0-8-080748-4673
DESCRIPTORS-- *CURRICULUM DEVELOPMENT, *CURRICULUM PLANNING, *HEALTH OCCUPATIONS EDUCATION, *TEACHER EDUCATION, *TEAM TEACHING, ADULT EDUCATION, CALIFORNIA, COMPTON CALIFORNIA, COMPTON UNION HIGH SCHOOL DISTRICT, COOPERATIVE PLANNING, DISADVANTAGED YOUTH, HEALTH OCCUPATIONS, HIGH SCHOOLS, INSTITUTES (TRAINING PROGRAMS), INSTRUCTIONAL MATERIALS, INTERDISCIPLINARY APPROACH, PARAMEDICAL OCCUPATIONS, PILOT PROGRAMS, WORKSHOPS,
START DATE 06-28-68 END DATE 08-31-70

PILOT HEALTH SERVICE CURRICULUM PROGRAMS OF THE COMPTON UNION HIGH SCHOOL DISTRICT, COMPTON CALIFORNIA, WILL BE EXPANDED AND RESEARCHED COOPERATIVELY WITH THE COMMUNITY COLLEGE AND AVAILABLE HOSPITAL AND PARAMEDICAL PERSONNEL. OBJECTIVES OF THE PROJECT ENCOMPASS--(1) EXPANSION OF HEALTH SERVICE PROGRAMS, (2) DEVELOPMENT OF CURRICULUMS, TEACHING STRATEGIES, AND INSTRUC-

TIONAL MATERIALS, (3) PROVIDING A PROGRAM TO PREPARE PROSPECTIVE MEMBERS OF THE LABOR FORCE TO CONTRIBUTE TO THE NATION'S HEALTH, WELFARE, AND ECONOMIC PROGRESS, AND (4) PROVIDING PRESERVICE AND INSERVICE TEACHER EDUCATION WORKSHOPS AND CONFERENCES TO STRENGTHEN PROFICIENCY IN USES OF THE INTERDISCIPLINARY TEACHING APPROACH. FOUR HIGH SCHOOLS, ONE ADULT SCHOOL, AND ONE COMMUNITY COLLEGE WILL BE INVOLVED IN THE PROJECT. TEACHING TEAMS WILL BE ESTABLISHED IN EACH HIGH SCHOOL WITH TEAM MEMBERS COMMITTED TO PARTICIPATE IN SUMMER WORKSHOPS AND SCHEDULED PROGRAM SEMINARS AND MEETINGS. THE TEAM TEACHERS MAY BE EMPLOYED FULL TIME IN HEALTH SERVICE OCCUPATIONS DURING THE SUMMER WORKING UNDER THE DIRECTION OF PROFESSIONAL MEDICAL AND HEALTH SERVICE PERSONNEL. OCCUPATIONAL INFORMATION (PREVIOUSLY OBTAINED) AND TASK ANALYSIS WILL BE USED BY THE TEAM TEACHERS TO ESTABLISH PERFORMANCE CRITERIA AND PERFORMANCE DESCRIPTIONS WHICH WILL BE USED TO ESTABLISH CRITERIA FOR SELECTING STUDENTS FOR THE HEALTH SERVICE PROGRAM. SUBSEQUENT PLANNING AND DEVELOPMENT EFFORT WILL BE CONDUCTED JOINTLY BE EACH HIGH SCHOOL TEAM TO PRODUCE INDIVIDUAL HEALTH SERVICE PROGRAMS WHICH WILL BE PILOT TESTED, EVALUATED, INSTALLED, AND IMPLEMENTED WITH PROVISIONS FOR SHORT TERM STUDIES AS WELL AS LONGITUDINAL STUDIES. (WN)

EP 011 383 24

THE ROLE OF COLLEGE-COMMUNITY RELATIONSHIPS IN URBAN HIGHER EDUCATION.

INVESTIGATOR—RANDOLPH, HARLAND

FEDERAL CITY COLL., WASHINGTON, D.C.

BUREAU NUMBER BR-8-0760

PROPOSAL DATE 9 MAY 68

CONTRACT OEC-0-9-180760-0707

DESCRIPTORS— *COMMUNITY RELATIONS, *COOPERATIVE PLANNING, *RESEARCH PROJECTS, *SCHOOL COMMUNITY RELATIONSHIP, *URBAN AREAS, COLLEGE PLANNING, COLLEGE ROLE, COMMUNITY ROLE, DISTRICT OF COLUMBIA, FEDERAL CITY COLLEGE, RESEARCH,

START DATE 08-01-68 END DATE 03-31-69

THIS PROJECT WILL BE THE FIRST PHASE OF A FOUR-PHASE PROGRAM DEALING WITH THE ROLE OF COLLEGE-COMMUNITY RELATIONSHIPS IN URBAN HIGHER EDUCATION. PHASE ONE WILL BE CONCERNED WITH PLANNING AND DEVELOPING SPECIFIC INTERVIEW SCHEDULES AND SURVEY INSTRUMENTS, AND OBTAINING DATA TO--(A) PROVIDE INFORMATION FOR COLLEGE USE RELATED TO ALLOCATING COLLEGE RESOURCES TO SOLVING URBAN PROBLEMS, (B) ESTABLISHED POLICIES AND PROCEDURES BY WHICH THE COLLEGE AND ITS COMMUNITIES CAN ENGAGE IN COOPERATIVE PLANNING AND ACTION, AND (C) DESIGNING A LONG RANGE RESEARCH PROGRAM TO PLAN AND EVALUATE COLLEGE-COMMUNITY RELATIONSHIPS. DATA ACQUISITION ACTIVITIES WILL INCLUDE--(1) INTERVIEWS WITH POLICY MAKERS AND EDUCATIONAL PLANNERS TO OBTAIN INFORMATION ABOUT THEIR ATTITUDES, OPINIONS, AND PLANS, (2) ONSITE SURVEYS AT SIMILAR URBAN COLLEGES TO OBTAIN INFORMATION ABOUT POLICIES, PROGRAMS, AND PROCEDURES PERTAINING TO COLLEGE-COMMUNITY INTERACTION, (3) LITERATURE SEARCH TO DISCOVER INNOVATIVE IDEAS POTENTIALLY USEFUL IN COLLEGE-COMMUNITY RELATIONS (INCLUDING IDENTIFICATION OF METHODS FOR DETERMINING COLLEGE IMPACT ON ITS COMMUNITIES), (4) A COMMUNITY SURVEY TO OBTAIN ATTITUDE AND PERCEPTION BENCHMARK MEASURES FOR PROJECTING TRENDS, (5) PARTICIPANT OBSERVATION STUDIES TO DETERMINE PLANNING SESSION PARTICIPANTS, CHARACTERISTICS OF THE INTERACTION, DECISION MAKING, AND ISSUES RAISED TO BE CONSIDERED IN THE LONG RANGE RESEARCH PROGRAM, AND (6) CASE STUDIES AND CONFERENCES FOCUSING ON THE EXCHANGE OF IDEAS AMONG A SMALL NUMBER OF PERSONS KNOWLEDGEABLE ABOUT COLLEGE-COMMUNITY RELATIONS. CONTENT ANALYSIS AND SOCIOMETRIC AND ECOLOGICAL ANALYSIS WILL ALSO BE USED TO PRODUCE BASELINE DATA. (WN)

EP 011 384 24

NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS.

INVESTIGATOR—WOMER, FRANK B. AND OTHERS

COMMITTEE ON ASSESSING THE PROGRESS OF EDUCATION

BUREAU NUMBER BR-8-0771

PROPOSAL DATE 16 MAY 68

GRANT OEG-0-8-080771-4442

DESCRIPTORS— *ACHIEVEMENT, *EDUCATIONAL ATTITUDES, *KNOWLEDGE LEVEL, *NATIONAL PROGRAMS, *NATIONAL SURVEYS, CAPE, CITIZENSHIP, COMMITTEE ASSESSING EDUCATION PROGRESS, EDUCATIONAL CHANGE, MEASUREMENT, NATIONAL NORMS, SCIENCES, SKILLS, STATUS, WRITING,

START DATE 06-01-68 END DATE 09-30-71

THE COMMITTEE ON ASSESSING THE PROGRESS OF EDUCATION (CAPE) WILL PERFORM A NATIONAL ASSESSMENT TO PROVIDE DATA ABOUT EDUCATIONAL ATTAINMENT LEVELS FOR EACH OF 256 POPULATIONS IN THE UNITED STATES. A PROBABILITY SAMPLE WILL BE USED COMPRISED OF--BOYS AND GIRLS, FOUR GEOGRAPHIC REGIONS, FOUR AGE GROUPS (9, 13, 17, AND 26 TO 35), LARGE, SMALL, SUBURBAN, AND RURAL CITIES, AND TWO SOCIOECONOMIC LEVELS. MEASUREMENT INSTRUMENTS PREVIOUSLY DEVELOPED AND SOME CURRENTLY BEING DEVELOPED WILL BE USED TO MEASURE ATTAINMENT LEVELS IN 10 SUBJECT MATTER AREAS--ART, CITIZENSHIP, LITERATURE, MATHEMATICS, MUSIC, READING, SCIENCE, SOCIAL STUDIES, VOCATIONAL EDUCATION, AND WRITING. SKILL, KNOWLEDGE, AND ATTITUDE ATTAINMENT LEVELS ARE TO BE REPORTED BY CELL (256 CELLS). ASSESSMENT FOR THE AREAS OF CITIZENSHIP, SCIENCE, AND WRITING WILL TAKE PLACE ACCORDING TO THE FOLLOWING SCHEDULE DURING 1969--AGE 9 (JANUARY-FEBRUARY), AGE 17 IN-SCHOOL (APRIL-MAY), AGE 13 (OCTOBER-NOVEMBER), AGE 17 OUT-OF-SCHOOL (APRIL-DECEMBER) AND YOUNG ADULTS (APRIL-DECEMBER). PLANNING WILL ALSO BE ACCOMPLISHED FOR SUBSEQUENT CYCLES OF THE ASSESSMENT WHICH WILL DEAL WITH THE REMAINING SUBJECT MATTER AREAS IN BATCHES OF FOUR AND THREE. SCHOOL AGE CHILDREN ARE TO BE SAMPLED IN SCHOOL, OUT OF SCHOOL GROUPS WILL BE SAMPLED IN INDIVIDUAL FACE-TO-FACE SITUATIONS (SAMPLING 32,000 INDIVIDUALS AT EACH AGE LEVEL). THE FULL REPORT FOR THE FIRST THREE AREAS ASSESSED IS EXPECTED TO BE AVAILABLE IN THE SPRING OF 1970. ADMINISTRATION OF THE ASSESSMENT EXERCISES WILL BE DIRECTED BY THE PROFESSIONAL STAFF OF CAPE. REPORTS WILL CONSIST OF THE ACTUAL ASSESSMENT EXERCISES WITH THE PERCENTAGE FIGURES OF CORRECT RESPONDERS. FREQUENTLY INCORRECT RESPONSES WILL ALSO BE REPORTED. (WN)

EP 011 385 52

DEVELOPMENT OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT AND LARGE CITY SCHOOL DISTRICT PUBLICATIONS.

INVESTIGATOR—LEE, ALLEN

OREGON COLL. OF EDUCATION, MONMOUTH

BUREAU NUMBER BR-8-0776

PROPOSAL DATE 15 MAY 68

CONTRACT OEC-0-8-080776-4679

DESCRIPTORS— *EDUCATIONAL RESOURCES, *INFORMATION CENTERS, *INFORMATION DISSEMINATION, *STATE DEPARTMENTS OF EDUCATION, EDSEP, INFORMATION NEEDS, INFORMATION SERVICES, INFORMATION SYSTEMS, MONMOUTH OREGON, OREGON, OREGON COLLEGE OF EDUCATION, OSSHE, STATE AGENCIES, TEACHING RESEARCH DIVISION,

START DATE 06-30-68 END DATE 06-29-69

AN ERIC DOCUMENTATION CENTER WILL BE ESTABLISHED TO RECEIVE STATE DEPARTMENT OF EDUCATION PUBLICATIONS FROM ALL STATE EDUCATION AGENCIES AND LARGE CITY SCHOOL SYSTEMS, PUBLICATIONS RECEIVED ARE TO BE SUBMITTED TO THE U.S. OFFICE OF EDUCATION ERIC (EDUCATIONAL RESOURCES INFORMATION CENTER). INCLUDED IN THE OBJECTIVES OF THIS PROJECT IS THE ESTABLISHMENT OF A CLEARINGHOUSE TO COLLECT MATERIALS SPECIFICALLY RELATED TO STATE DEPARTMENT OF EDUCATION INFORMATION NEEDS. FINDINGS FROM A PREVIOUS BUREAU OF RESEARCH PROJECT (BR 6-8645) WILL BE USED FOR ESTABLISHING AND OPERATING THE CLEARINGHOUSE, ERIC DOCUMENTATION OF STATE EDUCATION DEPARTMENT PUBLICATIONS (EDSEP) INCLUDING--(1) RECRUITMENT OF LIAISON PERSONNEL, (2) ACQUISITION OF PERTINENT PUBLICATIONS, (3) CLASSIFICATION AND SELECTION OF PUBLICATIONS FOR ERIC PROCESSING, (4) DISTRIBUTING THE DOCUMENTS THROUGH ERIC, AND (5) COLLECTING MATERIALS TO MEET SPECIFIC NEEDS OF THE STATE DEPARTMENTS OF EDUCATION. PERSPECTIVES OF CHIEF STATE SCHOOL OFFICERS WILL BE USED TO ACHIEVE MUTUALLY COMPATIBLE OBJECTIVES OF THE STATE AGENCIES AND ERIC. ADVISORY COMMITTEES WILL BE DRAWN FROM--STATE EDUCATION AGENCIES AND SELECTED LARGE SCHOOL SYSTEMS AND COMMUNITY COLLEGES. PERTINENT DOCUMENTS WILL BE PLACED IN THE OREGON STATE SYSTEM OF HIGHER EDUCATION (OSSHE). OVERALL ACTIVITIES OF EDSEP WILL BE EVALUATED BY AN EVALUATION UNIT OF OSSHE. THE DIRECTOR OF THE PROJECT WILL BE DR. ALLEN LEE. (WN)

EP 011 386 24

POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.

INVESTIGATOR—COFFMAN, WILLIAM E.

EDUCATIONAL TESTING SERVICE, PRINCETON, N.J.

BUREAU NUMBER BR-8-0783

PROPOSAL DATE 13 MAY 68

GRANT OEG-0-8-980783-4660

DESCRIPTORS— *EDUCATIONAL RESEARCH, *FELLOWSHIPS, *POST DOCTORAL EDUCATION, *PROFESSIONAL TRAINING, EDUCATIONAL TESTING SERVICE (ETS), NEW JERSEY, PRINCETON NEW JERSEY, RESEARCH, RESEARCH OPPORTUNITIES, RESEARCHERS, SEMINARS,

START DATE 06-28-68 END DATE 06-30-69

A 1-YEAR POSTDOCTORAL FELLOWSHIP PROGRAM OFFERING SELECTED PARTICIPANTS AN INTENSIVE YEAR OF SPECIALIZED EDUCATIONAL RESEARCH TRAINING WILL BE PROVIDED. PARTICIPANTS TO BE SELECTED WILL BE PH.D. OR ED.D. DEGREE HOLDERS WHO ARE RESPONSIBLE FOR DESIGNING AND CONDUCTING RESEARCH FOR SCHOOL SYSTEMS, MEMBERS OF COLLEGES AND UNIVERSITIES WITH RESPONSIBILITIES FOR TRAINING GRADUATE STUDENTS, AND SPECIALISTS IN SEVERAL SOCIAL SCIENCES (OTHER THAN EDUCATION) WISHING TO APPLY THEIR KNOWLEDGE IN THE FIELD OF EDUCATION. PRIMARY RESPONSIBILITIES OF THE FELLOWS WILL BE TO PLAN AND PARTICIPATE IN ACTIVITIES DRAWING ON THE RESOURCES OF THE EDUCATIONAL TESTING SERVICE (ETS) TO FILL GAPS IN THEIR TRAINING AND EXPERIENCE. APPROXIMATELY TWO-THIRDS OF THE PARTICIPANT'S TIME WILL BE AS A MEMBER OF ONE OR MORE RESEARCH TEAMS ON SPECIFIC PROJECTS UNDERWAY. A SUPPLEMENTARY PROGRAM (ONE-THIRD OF THE FELLOW'S TIME) MAY INCLUDE ETS SEMINARS, FORMAL CLASSES, AND WILL INCLUDE PREPARATION OF A FORMAL PROPOSAL FOR RESEARCH THE FELLOWS EXPECT TO CARRY OUT IN THEIR REGULAR POSITIONS. (WN)

EP 011 387 52

DETERMINATION OF USER NEEDS AND FUTURE REQUIREMENTS FOR A SYSTEMS APPROACH TO MICROFORM TECHNOLOGY.

INVESTIGATOR—HOLMES, DONALD C.

ASSOCIATION OF RESEARCH LIBRARIES, WASHINGTON, D.C.

BUREAU NUMBER BR-8-0786

PROPOSAL DATE 17 MAY 68

CONTRACT OEC-0-8-080786-4612

DESCRIPTORS— *MICROFICHE, *MICROFILM, *PILOT PROJECTS, *SYSTEMS APPROACH, *USE STUDIES, ASSOCIATION OF RESEARCH LIBRARIES, DISTRICT OF COLUMBIA, INFORMATION DISSEMINATION, INFORMATION NEEDS, LIBRARY MATERIALS, LIBRARY SCIENCE, RESEARCH,

START DATE 06-27-68 END DATE 06-14-70

AN EXPLORATORY STUDY WILL BE PERFORMED TO IDENTIFY NEEDS OF USERS AND THE TECHNICAL AND OTHER REQUIREMENTS TO MEET NEEDS FOR AN INTEGRATED SYSTEM OF MICROFORM TECHNOLOGY. PROCEDURES TO BE FOLLOWED ARE–(1) REVIEWING PERTINENT LITERATURE TO DEVELOP A PRELIMINARY LIST OF STUDY TOPICS, (2) DISCUSSION OF THESE TOPICS WITH A CONSULTING PANEL TO ASSESS THE ISSUES, (3) DEVELOPMENT OF AN INTENSIVE INTERVIEW FORM AND (4) ADMINISTRATION OF THE INTENSIVE INTERVIEWS WITH MANUFACTURERS, PUBLISHERS, LIBRARIANS, AND EDUCATION USERS, PLUS SITE VISITS AND CONSULTATIONS AS REQUIRED. PERIODIC MEETINGS WILL BE HELD WITH THE ADVISORY PANEL TO REVIEW PROGRESS AND DEVELOP AND APPROVE PLANS TO BE CARRIED OUT BY THE PRINCIPAL INVESTIGATOR. FINDINGS WILL BE USED TO FORMULATE A RESEARCH DESIGN. THE COMPOSITION OF THE CONSULTATIVE PANEL WILL INCLUDE REPRESENTATIVES OF MANUFACTURERS, PUBLISHERS, EDUCATORS, TECHNICAL MICROFORM EXPERTS, AND LIBRARIANS. (WN)

EP 011 388 24

FOLLOW-UP OF U.S. CROSS SECTION OF HIGH SCHOOL SENIORS IN 1965.

INVESTIGATOR—JAFFE, A.J.

COLUMBIA UNIV., NEW YORK

BUREAU NUMBER BR-8-0856

PROPOSAL DATE 68

CONTRACT OEC-0-8-080856-4651

DESCRIPTORS— *CAREER CHOICE, *COLLEGE ATTENDANCE, *FOLLOWUP STUDIES, *GRADUATION, CAREERS, COLLEGE BOUND STUDENTS, COLUMBIA UNIVERSITY, DROPOUT CHARACTERISTICS, LONGITUDINAL STUDIES, NEW YORK CITY, STUDENT CHARACTERISTICS, UNITED STATES CENSUS BUREAU,

START DATE 06-28-68 END DATE 06-27-72

A STUDY WILL BE CONDUCTED OF COHORTS INTERVIEWED UNER TERMS OF U.S.O.E. CONTRACT NUMBER OEC-6-10-039 IN 1965 AND REINTERVIEWED IN FEBRUARY 1967 TO DETERMINE WHETHER THEY WERE GOING TO COLLEGE. THE COHORTS REPRESENT A CROSS SECTION OF U.S. HIGH SCHOOL SENIORS IN 1965. THE OBJECTIVES OF THE STUDY WILL BE TO–DETERMINE (THROUGH MAY 1971) THEIR POST-HIGH SCHOOL EDUCATIONAL CAREERS, HOW MANY FINISHED COLLEGE WITHIN 4 YEARS, HOW MANY DROPPED OUT, THE RELATIONSHIP OF FINANCING TO COHORT COLLEGE STATUS AND OTHER CHARACTERISTICS OF DROPOUTS AND GRADUATING COHORTS. THE CENSUS BUREAU WILL INTERVIEW THE ORIGINAL COHORTS USING A QUESTIONNAIRE TO BE DESIGNED AT COLUMBIA UNIVERSITY. REPLIES ARE TO BE CODED IN PUNCHED CARD FORMAT EACH SUCCESSIVE YEAR OF INTERVIEWS (1968, 1969, 1970, 1971). ANNUAL REPORTS OF THE TABULATED DATA ARE TO BE PREPARED EACH YEAR AS WELL AS A FINAL REPORT 1 YEAR AFTER RECEIPT OF THE 1971 DATA (MAY 1971). (WN)

EP 011 389 24

TRAINING FOR RESEARCH QUALITY–A STUDY OF EDUCATIONAL RESEARCHERS.

INVESTIGATOR—LAZARSFELD, PAUL F.

COLUMBIA UNIV., NEW YORK

BUREAU NUMBER BR-8-0884

PROPOSAL DATE 22 MAY 68

GRANT OEG-0-8-080884-4507

DESCRIPTORS— *EDUCATIONAL RESEARCH, *EVALUATION, *MEASUREMENT INSTRUMENTS, *QUALITY CONTROL, AERA, AMERICAN EDUCATIONAL RESEARCH ASSN, BUREAU OF APPLIED SOCIAL RESEARCH, CAREER OPPORTUNITIES, COLUMBIA UNIVERSITY, EDUCATIONAL RESEARCHERS, NEW YORK CITY, RESEARCH PROJECTS, SELECTION, TRAINING,

START DATE 06-30-68 END DATE 06-30-69

A STUDY OF EDUCATIONAL RESEARCH QUALITY WILL BE PERFORMED BY A NATIONAL PANEL OF EXPERTS WHO WILL ANALYZE 400 SELECTED EMPIRICAL RESEARCH ARTICLES PUBLISHED IN JOURNALS DURING THE PREVIOUS YEAR. A SCALE FOR THE MEASUREMENT OF RESEARCH QUALITY DEVELOPED AND VALIDATED BY THE BUREAU OF APPLIED SOCIAL RESEARCH WILL BE USED. THE RESEARCH IS EXPECTED TO CLARIFY LINKAGES BETWEEN TRAINING, SUBSEQUENT CAREER OPPORTUNITIES, PROJECT SELECTION, AND RESEARCH QUALITY. FACTORS CONTRIBUTING TO OR DETRACTING FROM RESEARCH QUALITY WILL BE CONSIDERED AS WELL AS COMPARISONS BETWEEN AERA MEMBERS AND NON-MEMBERS RESEARCH. (WN)

EP 011 390 24

POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.

INVESTIGATOR—KREUTER, MORTIMER

CENTER FOR URBAN EDUCATION, NEW YORK, N.Y.

BUREAU NUMBER BR-8-0885

PROPOSAL DATE 68

GRANT OEG-0-8-980885-4693

DESCRIPTORS— *EDUCATIONAL RESEARCH, *FELLOWSHIPS, *POST DOCTORAL EDUCATION, *PROFESSIONAL EDUCATION, *URBAN EDUCATION, CENTER FOR URBAN EDUCATION, DETROIT MICHIGAN, MICHIGAN, NEW YORK CITY, PROFESSIONAL CONTINUING EDUCATION, WAYNE STATE UNIVERSITY,

START DATE 06-28-68 END DATE 08-15-69

A POST-DOCTORAL FELLOWSHIP FOR RICHARD WISNIEWSKI OF WAYNE STATE UNIVERSITY (DETROIT) WILL PROVIDE AN OPPORTUNITY TO ENGAGE IN A PROGRAM OF URBAN EDUCATIONAL RESEARCH AND DEVELOPMENT ACTIVITIES. THE FELLOWSHIP ACTIVITIES WILL BE UNDER THE SUPERVISION OF SENIOR PERSONNEL AT THE CENTER FOR URBAN EDUCATION (A FEDERALLY-SPONSORED REGIONAL EDUCATIONAL LABORATORY) IN THE TRI-STATE REGION (METROPOLITAN NEW YORK, NEW JERSEY, CONNECTICUT). THE FELLOW WILL PLAN WITH THE DIRECTOR OF THE PROGRAM A SERIES OF ACTIVITIES TO DRAW UPON THE SIX COMMITTEES WHICH CARRY OUT THE CENTER'S FUNCTIONS. TIME WILL BE SPENT–RECEIVING COMPUTER TECHNOLOGY INSTRUCTION, REVIEWING RELEVANT LITERATURE, FOR FORMAL STUDY IN BEHAVIORAL SCIENCE CLASSES WITH EMPHASIS ON RESEARCH METHODOLOGY AT A TRI-STATE UNIVERSITY, CONFERENCE ATTENDANCE (URBAN EDUCATION, SOCIOLOGY, URBAN AFFAIRS) AND CONSULTING WITH INDIVIDUALS CONDUCTING STUDIES RELATED TO URBAN EDUCATION, VISITING AREA SCHOOLS AND EDUCATIONAL LABORATORIES, AND PARTICIPATION IN THE DESIGN AND IMPLEMENTATION OF THE EDUCATIONAL PERSONNEL COMMITTEE'S PROJECTS (TEACHERS UNION ORGANIZATION, EFFECTIVE TEACHING PRACTICES, AND NEW TEACHER DEVELOPMENT) AND SELECTED RESEARCH IN INSTRUCTIONAL PROFILE DEVELOPMENT, EFFECTS OF MASS MEDIA ON EDUCATION, AND DECENTRALIZATION SCHEMA. (WN)

EP 011 391 24

COLLEGE CHARACTERISTICS AS A MODERATING INFLUENCE ON STUDENT ACHIEVEMENT.

INVESTIGATOR—ROCK, DONALD A.

EDUCATIONAL TESTING SERVICE, PRINCETON, N.J.

BUREAU NUMBER BR-8-0907

PROPOSAL DATE 68

CONTRACT OEC-0-8-080907-4708

DESCRIPTORS— *COLLEGE ENVIRONMENT, *EDUCATIONAL ACHIEVEMENT, *RESEARCH METHODOLOGY, *STUDENT ACHIEVEMENT, ANALYSIS OF VARIANCE, COLLEGE STUDENTS, COMPARATIVE ANALYSIS, EDUCATIONAL TESTING SERVICE, GRADUATES, NEW JERSEY, PRINCETON NEW JERSEY, UNDERGRADUATE STUDY,

START DATE 06-28-68 END DATE 09-30-68

THIS STUDY WILL DEAL WITH THE EFFECTS OF COLLEGE CHARACTERISTICS ON COLLEGE STUDENT PERFORMANCE. CONTRASTED WITH PRIOR STUDIES, THIS STUDY WILL DEAL WITH A MORE REPRESENTATIVE SAMPLE OF THE GENERAL ABILITY RANGE OF COLLEGE UNDERGRADUATES. EMPLOYING AN APPROACH THAT WILL TAKE ADVANTAGE OF THE MULTIVARIATE NATURE OF THE DATA RATHER THAN UNIVARIATE METHODOLOGY. THE STUDY WILL ATTEMPT TO DETERMINE WITH INPUT ABILITY HELD CONSTANT, IF SOME SCHOOLS HAVE GRADUATES SHOWING GREATER ACHIEVEMENT GAINS, AND IF GREATER ACHIEVEMENT GAINS ARE DETECTED THE CHARACTERISTICS OF THE MOST AND LEAST EFFECTIVE SCHOOLS. THE POPULATION TO BE STUDIED WILL INCLUDE 130 COLLEGES WHO PARTICIPATED IN THE GRADUATE RECORD EXAMINATION INSTITUTIONAL PROGRAM (1967) AND WHO ALSO REQUIRED SAT SCORES IN 1963. SCHOOLS SELECTED WILL BE REPRESENTATIVE OF GEOGRAPHICAL AREAS, SCHOOL SIZE, AND APPLICANT ABILITY. STUDENTS WITH COMPLETE RECORDS AT THE SELECTED SCHOOLS WILL BE SAMPLED (NO LESS THAN 50 OBSERVATIONS OR MORE THAN 100 AT EACH SCHOOL). (WN)

EP 011 392 24

A STUDY OF CERTAIN ASPECTS OF FEDERAL EDUCATION POLICY.

INVESTIGATOR—NISKANEN, WILLIAM A.

INSTITUTE FOR DEFENSE ANALYSES, ARLINGTON, VA.

BUREAU NUMBER BR-8-0908

PROPOSAL DATE 68

CONTRACT OEC-0-8-080908-4699

DESCRIPTORS— *EDUCATIONAL POLICY, *FEDERAL AID, *FINANCIAL POLICY, *FINANCIAL SUPPORT, ARLINGTON VIRGINIA, FEDERAL PROGRAMS, FINANCIAL SUPPORT, GOVERNMENT ROLE, INSTITUTE FOR DEFENSE ANALYSES (IDA), PRESCHOOL EDUCATION, PRIMARY EDUCATION, PROGRAM EVALUATION, SECONDARY EDUCATION, VIRGINIA,

START DATE 06-28-68 END DATE 06-30-69

THE INSTITUTE FOR DEFENSE ANALYSES (IDA) WILL STUDY FEDERAL POLICIES FOR AIDING PRESCHOOL, PRIMARY, AND SECONDARY EDUCATION. TWO TASKS ARE TO BE PERFORMED. THE FIRST WILL STUDY THE EFFECTIVENESS OF VARIED EDUCATIONAL LEVELS FOR IMPROVING INCOMES OF LOWER SOCIOECONOMIC GROUPS. THE EFFECTS OF INCOME ON STUDENT RESPONSE TO COLLEGE COST VARIABLES WILL BE ESTIMATED BASED ON OBSERVATIONS OF A CROSS-SECTION MODEL TO BE GENERATED FOR EACH STATE. DEPENDENT VARIABLES WILL INCLUDE PROPORTIONS OF ELIGIBLE HIGH SCHOOL SENIORS CHOOSING TO ATTEND VARIOUS TYPES OF COLLEGES. INDEPENDENT VARIABLES WILL BE TUITION, TRANSPORTATION, FOREGONE EARNINGS, TYPES OF COLLEGE COSTS, INCREASED EARNINGS, TYPES OF COLLEGE COSTS, INCREASED EARNINGS ATTRIBUTABLE TO COLLEGE ATTENDANCE IN THE STATE, STATE SOCIOECONOMIC DATA, AND MILITARY DRAFT LEVELS. THE SECOND TASK WILL COMPARE EDUCATIONAL AND NON-EDUCATIONAL ALTERNATIVES FOR AIDING PRIMARY AND SECONDARY EDUCATION. THIS TASK WILL BE EXPLORATORY IN NATURE. REPORTS TO BE PREPARED WILL DESCRIBE THE ANALYTICAL FRAMEWORK AND REPRESENTATIVE ESTIMATES OF BENEFITS AND RESPONSE EFFECTS AS A BASIS FOR DETERMINING THE VALUE OF EXTENDED RESEARCH ON THE ISSUES CITED. (WN)

EP 011 393 24

COUNSELOR RESEARCH TRAINING.
INVESTIGATOR—LONG, THOMAS
ALTOONA AREA SCHOOL DISTRICT, PA.
BUREAU NUMBER BR-8-8038
PROPOSAL DATE 01 JAN 68
GRANT OEG-0-8-088038-4455
DESCRIPTORS— *COUNSELOR TRAINING, *ELEMENTARY SCHOOL COUNSELORS, *INSTITUTES (TRAINING PROGRAMS), *RESEARCH METHODOLOGY, *SECONDARY SCHOOL COUNSELORS, ALTOONA PENSYLVANIA, COMPUTER SCIENCE, COUNSELORS, PENNSYLVANIA, RESEARCH DESIGN, RESEARCH SKILLS, RESEARCH TOOLS, RESEARCHERS,
START DATE 06-24-68 END DATE 08-24-68
AN INSTITUTE WILL BE CONDUCTED TO TRAIN 25 SELECTED SCHOOL COUNSELORS IN APPROPRIATE RESEARCH SYSTEMS, PROGRAMS, SERVICES, AND STRATEGIES. THE INSTITUTE WILL BE DESIGNED TO TRAIN PARTICIPANTS TO COLLECT AND ANALYZE MASSES OF STUDENT DATA AVAILABLE TO THEM. BASIC FORTRAN PROGRAMING WILL BE OFFERED AS WELL AS METHODS FOR ACCESSING COMPUTERS USING PUNCHED CARD OR TAPE INPUT. PUNCHED PAPER-TAPE TRAINING AND DEMONSTRATIONS WILL INVOLVE THE USE OF REMOTE TELETYPE TERMINALS. INCLUDED WILL BE A DISCUSSION AND DEMONSTRATION OF THE ERIC SYSTEM AND ITS CAPABILITIES. TRAINING WILL ALSO BE GIVEN IN PROGRAM EVALUATION REVIEW TECHNIQUES (PERT) AND CAMPBELL AND STANLEY'S PRE-EXPERIMENTAL AND EXPERIMENTAL RESEARCH DESIGNS. THE INSTITUTE WILL BE EVALUATED BY PARTICIPANTS AND FINDINGS ARE TO BE REPORTED. PARTICIPANTS WILL BE SELECTED FROM THE ALTOONA AREA (PENNSYLVANIA) USING AS CRITERIA POSESSION OF A MASTER'S DEGREE IN GUIDANCE, STATE CERTIFICATION AS A GUIDANCE COUNSELOR, AND FULL-TIME EMPLOYMENT AS AN ELEMENTARY OR SECONDARY SCHOOL COUNSELOR WITH EVIDENCE OF SUCCESSFUL COMPLETION OF AT LEAST ONE GRADUATE-LEVEL STATISTICS COURSE. (WN)

EP 011 394 24

ANALYSIS AND EVALUATION OF PLANS FOR COMPREHENSIVE ELEMENTARY TEACHER EDUCATION MODELS.
INVESTIGATOR—ENGBRETSON, WILLIAM E.
AMERICAN ASSN. OF COLL. FOR TEACHER EDUC.,WASH,D.C
BUREAU NUMBER BR-8-8056
PROPOSAL DATE 09 APR 68
GRANT OEG-0-8-088056-4476
DESCRIPTORS— *INSERVICE EDUCATION, *RESEARCH PROPOSALS, *UNDERGRADUATE STUDY, AACTE, DISTRICT OF COLUMBIA, DOCUMENTATION, EDUCATIONAL OBJECTIVES, EVALUATION, FACULTY, IMPROVEMENT PROGRAMS, INSERVICE PROGRAMS, INSERVICE TEACHER EDUCATION, MANAGEMENT, TEMPLE UNIVERSITY,
START DATE 06-24-68 END DATE 09-24-68
A CRITICAL ANALYSIS OF 70 PLANS TO DEVELOP COMPREHENSIVE SETS OF EDUCATIONAL SPECIFICATIONS FOR UNDERGRADUATE AND INSERVICE TEACHER EDUCATION PROGRAMS WILL BE PERFORMED. THE 70 PLANS WERE SUBMITTED BUT NOT FUNDED BY THE BUREAU OF RESEARCH, U.S. OFFICE OF EDUCATION (1967-68). NOTEWORTHY COMPONENTS TO BE ANALYZED ARE THOSE DEALING WITH GOALS, SELECTION PRACTICES, LEARNING EXPERIENCES, CONTENT, RELATIONSHIP OF PROFESSIONAL SEQUENCE TO THE TOTAL UNDERGRADUATE PROGRAM, INSERVICE TRAINING, FACULTY, EVALUATION, MANAGEMENT SYSTEM, AND PLAN FOR CONTINUOUS IMPROVEMENT. APPROVAL WILL BE SOLICITED FROM THE SUBMITTING ORGANIZATIONS. UPON RECEIPT OF APPROVAL THE ANALYSIS WILL BE PERFORMED, TABLES AND MATRICES DESCRIBING COMMON ELEMENTS WILL BE PREPARED, AND UNIQUE COMPONENTS THOUGHT TO BE OF VALUE FOR CONSERVATION AND DISSEMINATION WILL BE ANALYZED. RESULTS WILL BE PREPARED FOR POSSIBLE PUBLICATION AND OTHER MEANS OF DISSEMINATION. THE RESEARCH WILL BE PERFORMED BY THE AMERICAN ASSOCIATION OF TEACHER EDUCATION COLLEGES IN COLLABORATION WITH TEMPLE UNIVERSITY. (WN)

EP 011 395 24

INSTITUTE ON DESIGN AND EVALUATION FOR TITLE I AND TITLE III PERSONNEL.
INVESTIGATOR—CHASE, CLINTON I.
INDIANA UNIV. FOUNDATION, BLOOMINGTON
BUREAU NUMBER BR-8-8059
PROPOSAL DATE 19 APR 68
GRANT OEG-0-8-988059-4592
DESCRIPTORS— *EDUCATIONAL RESEARCH, *EDUCATIONAL RESEARCHERS, *INSTITUTES (TRAINING PROGRAMS), *PROFESSIONAL TRAINING, *SKILL DEVELOPMENT, BLOOMINGTON INDIANA, ESEA TITLE 1, ESEA TITLE 3, INDIANA, INDIANA UNIVERSITY FOUNDATION, NATIONAL PROGRAMS, PROFESSIOAL EDUCATION, RESEARCH, RESEARCH METHODOLOGY,
START DATE 06-28-68 END DATE 08-28-68
A RESEARCH TRAINING INSTITUTE WILL BE CONDUCTED TO UPGRADE THE RESEARCH SKILLS OF 25 PERSONS INVOLVED IN TITLE I AND TITLE III (PUBLIC LAW 89-10) PROJECTS. TWO WEEKS OF INTENSIVE TRAINING ARE TO BE GIVEN DEALING WITH--OPERATIONALIZING RESEARCH OBJECTIVES, PRESENTATION AND EVALUATION OF EXPERIMENTAL DESIGNS, APPROPRIATE STATISTICS FOR EACH DESIGN, CRITERION ANALYSIS, ASSESSMENT, AND SCALE CONSTRUCTION. SOLUTION OF SIMULATED SCHOOL PROBLEMS WILL BE THE PRINCIPLE VEHICLE OF INSTRUCTION. PARTICIPANTS WILL BE SELECTED ON THE BASIS OF--A CURRENT TITLE I OR III PROJECT APPROVED AND IN ITS FIRST 6 MONTHS OR A PROJECT PROPOSAL IN THE PREPARATION STAGES, EVIDENCE OF SATISFACTORY COMPLETION OF COURSE WORK IN THE SUBJECT AREA OF THE PROJECTS OR PROPOSALS WITH AT LEAST AN INTRODUCTORY STATISTICS COURSE, AT LEAST 2 YEARS OF SCHOOL EXPERIENCE (WITH YOUNGER APPLICANTS PREFERRED), MILLER ANALOGIES TEST SCORES ABOVE 35, AND ONLY ONE APPLICANT FOR ANY GIVEN PROPOSAL AND TYPICALLY NO MORE THAN ONE APPLICANT FROM ANY SCHOOL SYSTEM. (WN)

EP 011 396 52

STUDY OF THE DEVELOPMENT AND PRESENT STATUS OF AUTOMATED TECHNIQUES AND PROCEDURES IN FEDERAL LIBRARIES AND DOCUMENTATION CENTERS.
INVESTIGATOR—ALBERTINI, JOHN A. AND OTHERS
INFORMATION DYNAMICS CORP., BETHESDA, MD.
BUREAU NUMBER BR-8-9031
PROPOSAL DATE 31 MAY 68
CONTRACT OEC-0-8-089031-4627
DESCRIPTORS— *AUTOMATION, *EVALUATION, *GOVERNMENT LIBRARIES, *LIBRARY RESEARCH, *LIBRARY SURVEYS, ADMINISTRATIVE ORGANIZATION, ADMINISTRATIVE POLICY, BETHESDA MARYLAND, FEDERAL AGENCIES, INFORMATION CENTERS, INFORMATION DYNAMICS CORPORATION, LIBRARIES, MARYLAND, MODELS,
START DATE 06-28-68 END DATE 06-27-69
A SERIES OF INTERVIEWS (48) WILL BE CONDUCTED WITH SELECTED AGENCY ADMINISTRATORS ABOVE THE LIBRARY MANAGEMENT LEVEL, AND WITH LIBRARY MANAGERS AND TECHNICAL PERSONNEL. FINDINGS ARE TO BE CLASSIFIED TO CHARACTERIZE THE FEDERAL LIBRARY COMMUNITY IN AN OPERATIONAL SENSE AND USED TO DEVELOP A FACTOR MODEL FOR USE IN STATISTICAL SAMPLING OF AGENCY LIBRARIES AND INFORMATION CENTERS. STATUS AND DEVELOPMENT TRENDS IN LIBRARY AUTOMATION WILL BE STUDIED AS RELATED TO THE ADMINISTRATIVE STRUCTURE WHERE SUCH ACTIVITIES ARE TAKING PLACE. THE STUDY WILL DEAL WITH--(1) ADMINISTRATIVE FACTORS INFLUENCING EXISTING PROGRAM PLANS AND OBJECTIVES, MEASURES FOR MARKING PROGRESS AND EFFECTIVENESS, AND REQUIRED RESOURCES, (2) PROGRAMS THAT ARE MARGINALLY EFFECTIVE AND CAUSES FOR LACK OF SUCCESS, AND (3) IMPLICATIONS OF THE CONCLUSIONS FOR NON-FEDERAL LIBRARIES. CASE STUDY REPORTS WILL BE PREPARED FOR EACH INTERVIEW CONDUCTED AND A FINAL REPORT WILL BE PREPARED DESCRIBING THE STUDY APPROACH AND METHODOLOGY, IDENTIFYING AGENCIES, LIBRARIES, AND INDIVIDUALS INTERVIEWED, DESCRIBING THE DATA ANALYSIS PROCEDURES, THE STUDY RESULTS, CONCLUSIONS, AND RECOMMENDED ACTIONS. (WN)

EP 011 397 08

A PROJECT TO DEVELOP EDUCATIONAL MATERIALS FOR TRAINING AUXILIARY PERSONNEL AND PROFESSIONALS TO WORK TOGETHER AS TEAMS WITHIN A SCHOOL SETTING, AND FOR THE TRAINING OF TRAINERS.
INVESTIGATOR—KLOPF, GORDON
BANK STREET COLL. OF EDUCATION, NEW YORK, N.Y.
BUREAU NUMBER BR-9-0065
PROPOSAL DATE 01 JUL 68
GRANT OEG-0-9-420065-0715
DESCRIPTORS— *ANCILLARY SERVICES, *COOPERATIVE TEACHING, *INSTRUCTIONAL MATERIALS, *TRAINING, ADMINISTRATIVE PERSONNEL, ANNOTATED BIBLIOGRAPHIES, AUXILIARY LABORERS, BANK STREET COLLEGE OF EDUCATION, BIBLIOGRAPHIES, EDUCATION PROFESSIONS DEVELOPMENT ACT, EPDA, INTERACTION, NEW YORK CITY, SCHOOL PERSONNEL, TEACHER AIDES, TEACHERS,
START DATE 08-01-68 END DATE 12-31-68
EDUCATIONAL MATERIALS WILL BE DEVELOPED FOR USE IN THE TRAINING OF AUXILIARY PERSONNEL AND PROFESSIONALS TO WORK AS TEAMS WITHIN A SCHOOL. MATERIALS WILL ALSO BE DEVELOPED FOR TRAINING TRAINERS TO USE THESE MATERIALS. THE PROJECT WILL DEVELOP COLLECTIONS OF MATERIALS FOR EACH OFFICE OF EDUCATION REGIONAL OFFICE FOR REVIEW BY EDUCATION PROFESSION DEVELOPMENT ACT (EPDA) GRANT RECIPIENTS. INCLUDED IN THE COLLECTIONS WILL BE MANUALS OR GUIDES, BIBLIOGRAPHIES, PROGRAM MODELS, FILMS, FILM CLIPS, FILM STRIPS, TRANPARENCIES, STILL PHOTOS, AND CHARTS. THE MATERIALS WILL BE DESIGNED TO FOSTER NEW MODES OF INTERACTION AMONG CERTIFICATED AND NON-CERTIFICATED SCHOOL PERSONNEL TO ENABLE CHILDREN'S LEARNING. PROJECT EFFORT WILL CONSIST OF--CONCEPTUALIZING AN APPROACH, COLLECTING AND EVALUATING EXISTING MATERIALS, PREPARING AN ANNOTATED CATEGORIZED BIBLIOGRAPHY OF AVAILABLE EFFECTIVE MATERIALS, IDENTIFYING MATERIAL DEVELOPMENT REQUIREMENTS, PLANNING, DEVELOPING REVIEWING THE NEW MATERIALS TO BE TESTED IN COMMUNITY-ORIENTED ENVIRONMENTS AVAILABLE LIKE BANK STREET'S EARLY CHILDHOOD AND FAMILY RESOURCE CENTER IN HELL'S KITCHEN (LOCATED ON TENTH AVENUE IN MIDTOWN NEW YORK CITY), AND PRODUCING SAMPLE COLLECTIONS FOR THE O.E. REGIONAL OFFICES. (WN)

subject index

This index lists the titles of projects under the major subject terms that have been assigned to characterize their contents. The subjects, which conform to those presented in the Thesaurus of ERIC Descriptors, are in alphabetical order.

As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the document can be found under that number in the re'sume' section.

CURRICULUM DEVELOPMENT

A SMALL PROJECT RESEARCH PROPOSAL IN SECONDARY SCHOOL SCIENCE.
BR-7-G-045 EP 011 005

Accession Number

SUBJECT INDEX

ACADEMIC ACHIEVEMENT
CLASS ATTENDANCE AS A FACTOR IN THE ACADEMIC ACHIEVEMENT OF COLLEGE STUDENTS.
BR-8-D-059 EP 011 348

ACHIEVEMENT
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS.
BR-8-0771 EP 011 384

ACTION RESEARCH
AN EXPERIMENTAL STUDY OF THE DEGREE OF AFFECTIVE RESPONSE ELICITED BY SEVERAL MEDIATED AND NON-MEDIATED INSTRUCTIONAL METHODS.
BR-8-I-082 EP 011 369

ADMINISTRATIVE POLICY
A PROPOSAL FOR RESEARCH ON THE DETERMINATION OF TEACHER SALARY INCREASES.
BR-8-E-096 EP 011 356

ADULT EDUCATION
RELATIONSHIPS AMONG TEACHERS' KNOWLEDGE OF PRINCIPLES OF ADULT TEACHING, CLASSROOM PRACTICE, AND TEACHING EFFECTIVENESS.
BR-8-E-095 EP 011 355

ADULT EDUCATORS
RELATIONSHIPS AMONG TEACHERS' KNOWLEDGE OF PRINCIPLES OF ADULT TEACHING, CLASSROOM PRACTICE, AND TEACHING EFFECTIVENESS.
BR-8-E-095 EP 011 355

ANCILLARY SERVICES
A PROJECT TO DEVELOP EDUCATIONAL MATERIALS FOR TRAINING AUXILIARY PERSONNEL AND PROFESSIONALS TO WORK TOGETHER AS TEAMS WITHIN A SCHOOL SETTING, AND FOR THE TRAINING OF TRAINERS.
BR-9-0065 EP 011 397

ANXIETY
A PILOT STUDY OF THE COUNSELOR'S ABILITY TO UNDERSTAND A STUDENT'S COMMUNICATION AS A FUNCTION OF THE COUNSELOR'S PERCEPTUAL DEFENSE.
BR-8-C-037 EP 011 347

ASPIRATION
LEARNING THROUGH AVIATION.
BR-8-I-063 EP 011 363

ATTENDANCE
CLASS ATTENDANCE AS A FACTOR IN THE ACADEMIC ACHIEVEMENT OF COLLEGE STUDENTS.
BR-8-D-059 EP 011 348

ATTITUDES
AN EXPERIMENTAL STUDY OF THE DEGREE OF AFFECTIVE RESPONSE ELICITED BY SEVERAL MEDIATED AND NON-MEDIATED INSTRUCTIONAL METHODS.
BR-8-I-082 EP 011 369

AUTOMATION
STUDY OF THE DEVELOPMENT AND PRESENT STATUS OF AUTOMATED TECHNIQUES AND PROCEDURES IN FEDERAL LIBRARIES AND DOCUMENTATION CENTERS.
BR-8-9031 EP 011 396

BEHAVIOR
A PILOT STUDY OF YOUNG CHILDREN'S COPING STRATEGIES.
BR-8-8-084 EP 011 345

BEHAVIOR CHANGE
LEARNING THROUGH AVIATION.
BR-8-I-063 EP 011 363

BEHAVIOR DEVELOPMENT
A PILOT STUDY OF YOUNG CHILDREN'S COPING STRATEGIES.
BR-8-8-084 EP 011 345

CAREER CHOICE
DEVELOPMENT AND EVALUATION OF AN INTEGRATED CAREER DEVELOPMENT CURRICULUM.
BR-7-1323 EP 011 343

FOLLOW-UP OF U.S. CROSS SECTION OF HIGH SCHOOL SENIORS IN 1965.
BR-8-0856 EP 011 388

CATALOGS
A STUDY OF THE COST OF MAINTAINING AND UPDATING LIBRARY CARD CATALOGS.
BR-8-0292 EP 011 371

CAUCASIAN STUDENTS
EFFECTS OF SOME AUDIO-VISUAL TECHNIQUES ON RACIAL SELF-CONCEPT OF NEGROES AND RACIAL ATTITUDES OF WHITES.
BR-8-E-040 EP 011 351

CHILDREN
A PILOT STUDY OF YOUNG CHILDREN'S COPING STRATEGIES.
BR-8-8-084 EP 011 345

CLASSROOM PARTICIPATION
CLASS ATTENDANCE AS A FACTOR IN THE ACADEMIC ACHIEVEMENT OF COLLEGE STUDENTS.
BR-8-D-059 EP 011 348

CLEARINGHOUSES
ERIC CLEARINGHOUSE ON HIGHER EDUCATION.
BR-8-0487 EP 011 374

CLUSTER GROUPING
THE INITIAL DEVELOPMENT OF A TECHNIQUE FOR DERIVING ADDITIONAL INFORMATION FROM TEST PERFORMANCE.
BR-8-E-087 EP 011 353

COLLEGE ATTENDANCE
FOLLOW-UP OF U.S. CROSS SECTION OF HIGH SCHOOL SENIORS IN 1965.
BR-8-0856 EP 011 388

COLLEGE ENVIRONMENT
COLLEGE CHARACTERISTICS AS A MODERATING INFLUENCE ON STUDENT ACHIEVEMENT.
BR-8-0907 EP 011 391

COLLEGE STUDENTS
AN INVESTIGATION OF HARVARD DROPOUTS.
BR-8-A-018 EP 011 344

COMMUNICATION (THOUGHT TRANSFER)
AN ANALYSIS OF THE RELATIONSHIP OF THE DEGREE OF SATISFACTION OF TEACHERS WITHIN CERTAIN OHIO SCHOOLS WITH THE FORMAL COMMUNICATION OF THEIR PRINCIPAL.
BR-8-E-085 EP 011 352

COMMUNITY CHANGE
AN EXAMINATION OF THE SOCIO-ECONOMIC IMPLICATIONS OF THE ADOPTION OF INDIVIDUALLY PRESCRIBED INSTRUCTION SYSTEMS BY SCHOOL SYSTEMS.
BR-8-0480 EP 011 373

COMMUNITY COLLEGES
A STUDY OF THE EFFECTS OF A COMBINED READING AND GROUP COUNSELING PROGRAM ON COMMUNITY COLLEGE STUDENTS.
BR-8-I-069 EP 011 364

COMMUNITY RELATIONS
THE ROLE OF COLLEGE-COMMUNITY RELATIONSHIPS IN URBAN HIGHER EDUCATION.
BR-8-0760 EP 011 383

COMPARATIVE EDUCATION
INTERNATIONAL USES OF MEDIA AND CROSS-CULTURAL COMPARISONS.
BR-8-0471 EP 011 372

COMPOSITION SKILLS (LITERARY)
A PROJECT TO DETERMINE THE PROPER PLACEMENT OF COMPOSITION COURSES WITHIN AN ENGINEERING CURRICULUM.
BR-8-F-002 EP 011 357

COMPUTER PROGRAMS
THE EDUCATIONAL INFORMATION NETWORK (EIN).
BR-8-0697 EP 011 378

COMPUTERS
A STUDY OF THE COST OF MAINTAINING AND UPDATING LIBRARY CARD CATALOGS.
BR-8-0292 EP 011 371

COOPERATIVE PLANNING
THE ROLE OF COLLEGE-COMMUNITY RELATIONSHIPS IN URBAN HIGHER EDUCATION.
BR-8-0760 EP 011 383

COOPERATIVE PROGRAMS
THE DEVELOPMENT OF GUIDELINES FOR COOPERATIVE PURCHASING AGENCIES AND PROCEDURES FOR PUBLIC SCHOOL DISTRICTS IN THE UNITED STATES.
BR-8-H-028 EP 011 361

THE EDUCATIONAL INFORMATION NETWORK (EIN).
BR-8-0697 EP 011 378

REGIONAL COOPERATIVE PROJECT AMONG HIGHER EDUCATION INSTITUTIONS AND COORDINATING AGENCIES TO DESIGN, DEVELOP AND IMPLEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON UNIFORM DATA ELEMENTS.
BR-8-0708 EP 011 380

COOPERATIVE TEACHING
A PROJECT TO DEVELOP EDUCATIONAL MATERIALS FOR TRAINING AUXILIARY PERSONNEL AND PROFESSIONALS TO WORK TOGETHER AS TEAMS WITHIN A SCHOOL SETTING, AND FOR THE TRAINING OF TRAINERS.
BR-9-0065 EP 011 397

CORRELATION
DEVELOPMENT OF AN INSTRUCTIONAL AID FOR A COURSE IN MULTIVARIATE EDUCATIONAL STATISTICS.
BR-8-I-080 EP 011 367

COST EFFECTIVENESS
REGIONAL COOPERATIVE PROJECT AMONG HIGHER EDUCATION INSTITUTIONS AND COORDINATING AGENCIES TO DESIGN, DEVELOP AND IMPLEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON UNIFORM DATA ELEMENTS.
BR-8-0708 EP 011 380

COSTS
A STUDY OF THE COST OF MAINTAINING AND UPDATING LIBRARY CARD CATALOGS.
BR-8-0292 EP 011 371

COUNSELOR EVALUATION
A PILOT STUDY OF THE COUNSELOR'S ABILITY TO UNDERSTAND A STUDENT'S COMMUNICATION AS A FUNCTION OF THE COUNSELOR'S PERCEPTUAL DEFENSE.
BR-8-C-037 EP 011 347

COUNSELOR PERFORMANCE
A PILOT STUDY OF THE COUNSELOR'S ABILITY TO UNDERSTAND A STUDENT'S COMMUNICATION AS A FUNCTION OF THE COUNSELOR'S PERCEPTUAL DEFENSE.
BR-8-C-037 EP 011 347

COUNSELOR TRAINING
COUNSELOR RESEARCH TRAINING.
BR-8-8038 EP 011 393

COURT CASES
THE LEGAL STATUS (HISTORICAL DEVELOPMENT, CURRENT STATUTES AND COURT DECISIONS) OF PUPIL TRANSPORTATION IN THE PUBLIC SCHOOLS OF THE UNITED STATES.
BR-8-H-027 EP 011 360

COURT DOCTRINE
THE LEGAL STATUS (HISTORICAL DEVELOPMENT, CURRENT STATUTES AND COURT DECISIONS) OF PUPIL TRANSPORTATION IN THE PUBLIC SCHOOLS OF THE UNITED STATES.
BR-8-H-027 EP 011 360

CRIME
DEVELOP NEW CAREERS LADDERS, WITH APPROPRIATE EDUCATION COMPONENTS, IN THE ADMINISTRATION OF JUSTICE.
BR-8-0715 EP 011 342

CULTURALLY DISADVANTAGED
GROUP USE OF PROGRAMMED INSTRUCTION WITH CULTURALLY DISADVANTAGED KINDERGARTEN CHILDREN--A PILOT PROJECT.
BR-8-E-035 EP 011 350

CURRICULUM DEVELOPMENT
DEVELOPMENT AND EVALUATION OF AN INTEGRATED CAREER DEVELOPMENT CURRICULUM.
BR-7-1323 EP 011 343

FOLLOW-UP STUDY TO ASSESS CURRICULUM DEVELOPMENT INSTITUTE AND EVALUATE GUIDE TO CURRICULUM DEVELOPMENT.
BR-8-I-076 EP 011 366

DEVELOPMENT OF A CURRICULUM DESIGNED TO PREPARE DISADVANTAGED PERSONS OF THE COMPTON HIGH SCHOOL AREA FOR EMPLOYMENT IN THE HEALTH OCCUPATIONS.
BR-8-0748 EP 011 382

CURRICULUM EVALUATION
DEVELOPMENT AND EVALUATION OF AN INTEGRATED CAREER DEVELOPMENT CURRICULUM.
BR-7-1323 EP 011 343

CURRICULUM PLANNING
DEVELOPMENT OF GENERALIZABLE EDUCATIONAL PROGRAMS IN LASER AND ELECTRO-OPTICAL TECHNOLOGY.
BR-8-0491 EP 011 375

DEVELOPMENT OF A CURRICULUM DESIGNED TO PREPARE DISADVANTAGED PERSONS OF THE COMPTON HIGH SCHOOL AREA FOR EMPLOYMENT IN THE HEALTH OCCUPATIONS.
BR-8-0748 EP 011 382

DATA
REGIONAL COOPERATIVE PROJECT AMONG HIGHER EDUCATION INSTITUTIONS AND COORDINATING AGENCIES TO DESIGN, DEVELOP AND IMPLEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON UNIFORM DATA ELEMENTS.
BR-8-0708 EP 011 380

DATA ANALYSIS
THE INITIAL DEVELOPMENT OF A TECHNIQUE FOR DERIVING ADDITIONAL INFORMATION FROM TEST PERFORMANCE.
BR-8-E-087 EP 011 353

DISADVANTAGED YOUTH
LEARNING THROUGH AVIATION.
BR-8-I-063 EP 011 363

DROPOUT CHARACTERISTICS
AN INVESTIGATION OF HARVARD DROPOUTS.
BR-8-A-018 EP 011 344

DROPOUT RESEARCH
AN INVESTIGATION OF HARVARD DROPOUTS.
BR-8-A-018 EP 011 344

EDUCATIONAL ACHIEVEMENT
COLLEGE CHARACTERISTICS AS A MODERATING INFLUENCE ON STUDENT ACHIEVEMENT.
BR-8-0907 EP 011 391

EDUCATIONAL ATTITUDES
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS.
BR-8-0771 EP 011 384

EDUCATIONAL INNOVATION
LEARNING THROUGH AVIATION.
BR-8-I-063 EP 011 363

EDUCATIONAL PLANNING
PLANNING GRADUATE PROGRAMS AROUND REGIONAL PROBLEMS THROUGH ESTABLISHMENT OF REGIONAL RESEARCH CENTERS IN EMERGING STATE COLLEGES AND UNIVERSITIES IN THE CUT-OVER AREAS OF WISCONSIN, MINNESOTA, AND MICHIGAN.
BR-8-E-094 EP 011 354

SOCIAL SERVICE AIDE PROJECT FOR THE EDUCATION AND TRAINING OF SUBPROFESSIONALS.
BR-7-0329 EP 011 370

INTERNATIONAL USES OF MEDIA AND CROSS-CULTURAL COMPARISONS.
BR-8-0471 EP 011 372

EDUCATIONAL POLICY
A STUDY OF CERTAIN ASPECTS OF FEDERAL EDUCATION POLICY.
BR-8-0908 EP 011 392

EDUCATIONAL PROGRAMS
AN UNDERGRADUATE MAJOR IN EDUCATIONAL RESEARCH FOR THE BACHELOR OF ARTS STUDENT.
BR-8-0662 EP 011 377

EDUCATIONAL RESEARCH
THE SOCIAL SYSTEM OF GOVERNMENT SUPPORTED RESEARCH--AN EVALUATION OF THE SMALL PROJECTS PROGRAM, U.S. OFFICE OF EDUCATION.
BR-8-B-901 EP 011 346

PLANNING GRADUATE PROGRAMS AROUND REGIONAL PROBLEMS THROUGH ESTABLISHMENT OF REGIONAL RESEARCH CENTERS IN EMERGING STATE COLLEGES AND UNIVERSITIES IN THE CUT-OVER AREAS OF WISCONSIN, MINNESOTA, AND MICHIGAN.
BR-8-E-094 EP 011 354

POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0783 EP 011 386

TRAINING FOR RESEARCH QUALITY--A STUDY OF EDUCATIONAL RESEARCHERS.
BR-8-0884 EP 011 389

POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-3-0885 EP 011 390

INSTITUTE ON DESIGN AND EVALUATION FOR TITLE I AND TITLE III PERSONNEL.
BR-8-8059 EP 011 395

EDUCATIONAL RESEARCHERS
AN UNDERGRADUATE MAJOR IN EDUCATIONAL RESEARCH FOR THE BACHELOR OF ARTS STUDENT.
BR-8-0662 EP 011 377

INSTITUTE ON DESIGN AND EVALUATION FOR TITLE I AND TITLE III PERSONNEL.
BR-8-8059 EP 011 395

EDUCATIONAL RESOURCES
DEVELOPMENT OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT AND LARGE CITY SCHOOL DISTRICT PUBLICATIONS.
BR-8-0776 EP 011 385

EDUCATIONAL SOCIOLOGY
ALTERNATIVE SYSTEMS FOR PUBLIC SUPPORT OF HIGHER EDUCATION AND THEIR SOCIOLOGICAL IMPLICATIONS.
BR-8-0700 EP 011 379

ELECTRO OPTICAL TECHNOLOGY
DEVELOPMENT OF GENERALIZABLE EDUCATIONAL PROGRAMS IN LASER AND ELECTRO-OPTICAL TECHNOLOGY.
BR-8-0491 EP 011 375

ELEMENTARY SCHOOL COUNSELORS
COUNSELOR RESEARCH TRAINING.
BR-8-8038 EP 011 393

EMOTIONAL PROBLEMS
AN INVESTIGATION OF HARVARD DROPOUTS.
BR-8-A-018 EP 011 344

EMPLOYMENT OPPORTUNITIES
DEVELOP NEW CAREERS LADDERS, WITH APPROPRIATE EDUCATION COMPONENTS, IN THE ADMINISTRATION OF JUSTICE.
BR-8-0715 EP 011 342

ENGINEERING EDUCATION
A PROJECT TO DETERMINE THE PROPER PLACEMENT OF COMPOSITION COURSES WITHIN AN ENGINEERING CURRICULUM.
BR-8-F-002 EP 011 357

ENGLISH INSTRUCTION
A PROJECT TO DETERMINE THE PROPER PLACEMENT OF COMPOSITION COURSES WITHIN AN ENGINEERING CURRICULUM.
BR-8-F-002 EP 011 357

EVALUATION
THE SOCIAL SYSTEM OF GOVERNMENT SUPPORTED RESEARCH--AN EVALUATION OF THE SMALL PROJECTS PROGRAM, U.S. OFFICE OF EDUCATION.
BR-8-B-901 EP 011 346

FOLLOW-UP STUDY TO ASSESS CURRICULUM DEVELOPMENT INSTITUTE AND EVALUATE GUIDE TO CURRICULUM DEVELOPMENT.
BR-8-I-076 EP 011 366

DEVELOPMENT OF GENERALIZABLE EDUCATIONAL PROGRAMS IN LASER AND ELECTRO-OPTICAL TECHNOLOGY.
BR-8-0491 EP 011 375

TRAINING FOR RESEARCH QUALITY--A STUDY OF EDUCATIONAL RESEARCHERS.
BR-8-0884 EP 011 389

STUDY OF THE DEVELOPMENT AND PRESENT STATUS OF AUTOMATED TECHNIQUES AND PROCEDURES IN FEDERAL LIBRARIES AND DOCUMENTATION CENTERS.

BR-8-9031 EP 011 396

EVALUATION CRITERIA
STIMULUS APPROACH TENDENCIES OF LEARNERS AS A FACTOR IN INSTRUCTIONAL MATERIALS EVALUATION.
BR-8-I-081 EP 011 368

EVALUATION METHODS
STIMULUS APPROACH TENDENCIES OF LEARNERS AS A FACTOR IN INSTRUCTIONAL MATERIALS EVALUATION.
BR-8-I-081 EP 011 368

FEASIBILITY STUDIES
ANALYSIS OF THE NEED FOR AND FEASIBILITY OF MORE EFFECTIVE DISTRIBUTION OF GOVERNMENT-SUPPORTED NON-WRITTEN MATERIALS.
BR-8-0716 EP 011 381

FEDERAL AID
A STUDY OF CERTAIN ASPECTS OF FEDERAL EDUCATION POLICY.
BR-8-0908 EP 011 392

FEDERAL PROGRAMS
THE SOCIAL SYSTEM OF GOVERNMENT SUPPORTED RESEARCH--AN EVALUATION OF THE SMALL PROJECTS PROGRAM, U.S. OFFICE OF EDUCATION.
BR-8-B-901 EP 011 346

FELLOWSHIPS
POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0783 EP 011 386

POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0885 EP 011 390

FILMS
EFFECTS OF SOME AUDIO-VISUAL TECHNIQUES ON RACIAL SELF-CONCEPT OF NEGROES AND RACIAL ATTITUDES OF WHITES.
BR-8-E-040 EP 011 351

STIMULUS APPROACH TENDENCIES OF LEARNERS AS A FACTOR IN INSTRUCTIONAL MATERIALS EVALUATION.
BR-8-I-081 EP 011 368

FINANCIAL POLICY
ALTERNATIVE SYSTEMS FOR PUBLIC SUPPORT OF HIGHER EDUCATION AND THEIR SOCIOLOGICAL IMPLICATIONS.
BR-8-0700 EP 011 379

A STUDY OF CERTAIN ASPECTS OF FEDERAL EDUCATION POLICY.
BR-8-0908 EP 011 392

FINANCIAL SUPPORT
ALTERNATIVE SYSTEMS FOR PUBLIC SUPPORT OF HIGHER EDUCATION AND THEIR SOCIOLOGICAL IMPLICATIONS.
BR-8-0700 EP 011 379

A STUDY OF CERTAIN ASPECTS OF FEDERAL EDUCATION POLICY.
BR-8-0908 EP 011 392

FOLLOWUP STUDIES
FOLLOW-UP OF U.S. CROSS SECTION OF HIGH SCHOOL SENIORS IN 1965.
BR-8-0856 EP 011 388

GOVERNMENT LIBRARIES
STUDY OF THE DEVELOPMENT AND PRESENT STATUS OF AUTOMATED TECHNIQUES AND PROCEDURES IN FEDERAL LIBRARIES AND DOCUMENTATION CENTERS.
BR-8-9031 EP 011 396

GRADUATE STUDY
PLANNING GRADUATE PROGRAMS AROUND REGIONAL PROBLEMS THROUGH ESTABLISHMENT OF REGIONAL RESEARCH CENTERS IN EMERGING STATE COLLEGES AND UNIVERSITIES IN THE CUT-OVER AREAS OF WISCONSIN, MINNESOTA, AND MICHIGAN.
BR-8-E-094 EP 011 354

DEVELOPMENT OF AN INSTRUCTIONAL AID FOR A COURSE IN MULTIVARIATE EDUCATIONAL STATISTICS.
BR-8-I-080 EP 011 367

GRADUATION
FOLLOW-UP OF U.S. CROSS SECTION OF HIGH SCHOOL SENIORS IN 1965.
BR-8-0856 EP 011 388

GROUP COUNSELING
A STUDY OF THE EFFECTS OF A COMBINED READING AND GROUP COUNSELING PROGRAM ON COMMUNITY COLLEGE STUDENTS.
BR-8-I-069 EP 011 364

GROUPING (INSTRUCTIONAL PURPOSES)
THE EFFECTS OF HETEROGENEOUS GROUPING ON EIGHT GRADE STUDENTS IN SOCIAL STUDIES.
BR-8-I-046 EP 011 362

GROUPING PROCEDURES
THE EFFECTS OF HETEROGENEOUS GROUPING ON EIGHT GRADE STUDENTS IN SOCIAL STUDIES.
BR-8-I-046 EP 011 362

GUIDELINES
THE DEVELOPMENT OF GUIDELINES FOR COOPERATIVE PURCHASING AGENCIES AND PROCEDURES FOR PUBLIC SCHOOL DISTRICTS IN THE UNITED STATES.
BR-8-H-028 EP 011 361

THE ORGANIZATION AND OPERATION OF EDUCATIONAL RESOURCES SELECTION CENTERS--IDENTIFICATION AND ANALYSIS OF CURRENT PRACTICES AND GUIDELINES FOR MODEL CENTERS.
BR-8-0515 EP 011 376

GUIDES
FOLLOW-UP STUDY TO ASSESS CURRICULUM DEVELOPMENT INSTITUTE AND EVALUATE GUIDE TO CURRICULUM DEVELOPMENT.
BR-8-I-076 EP 011 366

HEALTH OCCUPATIONS EDUCATION
DEVELOPMENT OF A CURRICULUM DESIGNED TO PREPARE DISADVANTAGED PERSONS OF THE COMPTON HIGH SCHOOL AREA FOR EMPLOYMENT IN THE HEALTH OCCUPATIONS.
BR-8-0748 EP 011 382

HETEROGENEOUS GROUPING
THE EFFECTS OF HETEROGENEOUS GROUPING ON EIGHT GRADE STUDENTS IN SOCIAL STUDIES.
BR-8-I-046 EP 011 362

HIGHER EDUCATION
ERIC CLEARINGHOUSE ON HIGHER EDUCATION.
BR-8-0487 EP 011 374

ALTERNATIVE SYSTEMS FOR PUBLIC SUPPORT OF HIGHER EDUCATION AND THEIR SOCIOLOGICAL IMPLICATIONS.
BR-8-0700 EP 011 379

REGIONAL COOPERATIVE PROJECT AMONG HIGHER EDUCATION INSTITUTIONS AND COORDINATING AGENCIES TO DESIGN, DEVELOP AND IMPLEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON UNIFORM DATA ELEMENTS.
BR-8-0708 EP 011 380

HOMOGENEOUS GROUPING
THE EFFECTS OF HETEROGENEOUS GROUPING ON EIGHT GRADE STUDENTS IN SOCIAL STUDIES.
BR-8-I-046 EP 011 362

INDEPENDENT STUDY
CLASS ATTENDANCE AS A FACTOR IN THE ACADEMIC ACHIEVEMENT OF COLLEGE STUDENTS.
BR-8-D-059 EP 011 348

INDIVIDUAL DIFFERENCES
THE EFFECTS OF INDIVIDUAL DIFFERENCES ON OBSERVATIONAL LEARNING IN THE ACQUISITION OF A TEACHING SKILL.
BR-8-I-073 EP 011 365

INDIVIDUALIZED INSTRUCTION
AN EXAMINATION OF THE SOCIO-ECONOMIC IMPLICATIONS OF THE ADOPTION OF INDIVIDUALLY PRESCRIBED INSTRUCTION SYSTEMS BY SCHOOL SYSTEMS.
BR-8-0480 EP 011 373

INFORMATION CENTERS
DEVELOPMENT OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT AND LARGE CITY SCHOOL DISTRICT PUBLICATIONS.
BR-8-0776 EP 011 385

INFORMATION DISSEMINATION
ERIC CLEARINGHOUSE ON HIGHER EDUCATION.
BR-8-0487 EP 011 374

ANALYSIS OF THE NEED FOR AND FEASIBILITY OF MORE EFFECTIVE DISTRIBUTION OF GOVERNMENT-SUPPORTED NON-WRITTEN MATERIALS.
BR-8-0716 EP 011 381

DEVELOPMENT OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT AND LARGE CITY SCHOOL DISTRICT PUBLICATIONS.
BR-8-0776 EP 011 385

INFORMATION NEEDS
ANALYSIS OF THE NEED FOR AND FEASIBILITY OF MORE EFFECTIVE DISTRIBUTION OF GOVERNMENT-SUPPORTED NON-WRITTEN MATERIALS.
BR-8-0716 EP 011 381

INFORMATION SERVICES
THE EDUCATIONAL INFORMATION NETWORK (EIN).
BR-8-0697 EP 011 378

INFORMATION SYSTEMS
ERIC CLEARINGHOUSE ON HIGHER EDUCATION.
BR-8-0487 EP 011 374

THE EDUCATIONAL INFORMATION NETWORK (EIN).
BR-8-0697 EP 011 378

REGIONAL COOPERATIVE PROJECT AMONG HIGHER EDUCATION INSTITUTIONS AND COORDINATING AGENCIES TO DESIGN, DEVELOP AND IMPLEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON UNIFORM DATA ELEMENTS.
BR-8-0708 EP 011 380

INNER CITY
INVESTIGATION OF INNER CITY READING INSTRUCTION PROGRAMS.
BR-8-F-100 EP 011 358

INSERVICE EDUCATION
ANALYSIS AND EVALUATION OF PLANS FOR COMPREHENSIVE ELEMENTARY TEACHER EDUCATION MODELS.
BR-8-8056 EP 011 394

INSTITUTES *TRAINING PROGRAMS)
FOLLOW-UP STUDY TO ASSESS CURRICULUM DEVELOPMENT INSTITUTE AND EVALUATE GUIDE TO CURRICULUM DEVELOPMENT.
BR-8-I-076 EP 011 366

INSTITUTES (TRAINING PROGRAMS)
COUNSELOR RESEARCH TRAINING.
BR-8-8038 EP 011 393

INSTITUTE ON DESIGN AND EVALUATION FOR TITLE I AND TITLE III PERSONNEL.
BR-8-8059 EP 011 395

INSTRUCTIONAL MATERIALS
FOLLOW-UP STUDY TO ASSESS CURRICULUM DEVELOPMENT INSTITUTE AND EVALUATE GUIDE TO CURRICULUM DEVELOPMENT.
BR-8-I-076 EP 011 366

THE ORGANIZATION AND OPERATION OF EDUCATIONAL RESOURCES SELECTION CENTERS–IDENTIFICATION AND ANALYSIS OF CURRENT PRACTICES AND GUIDELINES FOR MODEL CENTERS.
BR-8-0515 EP 011 376

A PROJECT TO DEVELOP EDUCATIONAL MATERIALS FOR TRAINING AUXILIARY PERSONNEL AND PROFESSIONALS TO WORK TOGETHER AS TEAMS WITHIN A SCHOOL SETTING, AND FOR THE TRAINING OF TRAINERS.
BR-9-0065 EP 011 397

INSTRUCTIONAL MATERIALS CENTERS
THE ORGANIZATION AND OPERATION OF EDUCATIONAL RESOURCES SELECTION CENTERS–IDENTIFICATION AND ANALYSIS OF CURRENT PRACTICES AND GUIDELINES FOR MODEL CENTERS.
BR-8-0515 EP 011 376

INTEGRATED CURRICULUM
DEVELOPMENT AND EVALUATION OF AN INTEGRATED CAREER DEVELOPMENT CURRICULUM.
BR-7-1323 EP 011 343

INTERACTION ANALYSIS
A STUDY OF THE EFFECTS OF A COMBINED READING AND GROUP COUNSELING PROGRAM ON COMMUNITY COLLEGE STUDENTS.
BR-8-I-069 EP 011 364

INTEREST RESEARCH
AN EXPERIMENTAL STUDY OF THE DEGREE OF AFFECTIVE RESPONSE ELICITED BY SEVERAL MEDIATED AND NON-MEDIATED INSTRUCTIONAL METHODS.
BR-8-I-082 EP 011 369

INTERNATIONAL EDUCATION
INTERNATIONAL USES OF MEDIA AND CROSS-CULTURAL COMPARISONS.
BR-8-0471 EP 011 372

JOB ANALYSIS
DEVELOP NEW CAREERS LADDERS, WITH APPROPRIATE EDUCATION COMPONENTS, IN THE ADMINISTRATION OF JUSTICE.
BR-8-0715 EP 011 342

KINDERGARTEN CHILDREN
GROUP USE OF PROGRAMMED INSTRUCTION WITH CULTURALLY DISADVANTAGED KINDERGARTEN CHILDREN–A PILOT PROJECT.
BR-8-E-035 EP 011 350

KNOWLEDGE LEVEL
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS.
BR-8-0771 EP 011 384

LEARNING THEORIES
OBSERVATIONAL CATEGORIES IN VERBAL LEARNING THEORY.
BR-8-E-023 EP 011 349

RELATIONSHIPS AMONG TEACHERS' KNOWLEDGE OF PRINCIPLES OF ADULT TEACHING, CLASSROOM PRACTICE, AND TEACHING EFFECTIVENESS.
BR-8-E-095 EP 011 355

LEGAL PROBLEMS
DEVELOP NEW CAREERS LADDERS, WITH APPROPRIATE EDUCATION COMPONENTS, IN THE ADMINISTRATION OF JUSTICE.
BR-8-0715 EP 011 342

LIBRARY EXPENDITURES
A STUDY OF THE COST OF MAINTAINING AND UPDATING LIBRARY CARD CATALOGS.
BR-8-0292 EP 011 371

LIBRARY RESEARCH
A STUDY OF THE COST OF MAINTAINING AND UPDATING LIBRARY CARD CATALOGS.
BR-8-0292 EP 011 371

STUDY OF THE DEVELOPMENT AND PRESENT STATUS OF AUTOMATED TECHNIQUES AND PROCEDURES IN FEDERAL LIBRARIES AND DOCUMENTATION CENTERS.
BR-8-9031 EP 011 396

LIBRARY SURVEYS
STUDY OF THE DEVELOPMENT AND PRESENT STATUS OF AUTOMATED TECHNIQUES AND PROCEDURES IN FEDERAL LIBRARIES AND DOCUMENTATION CENTERS.
BR-8-9031 EP 011 396

LITERATURE REVIEWS
ERIC CLEARINGHOUSE ON HIGHER EDUCATION.
BR-8-0487 EP 011 374

MEASUREMENT INSTRUMENTS
TRAINING FOR RESEARCH QUALITY–A STUDY OF EDUCATIONAL RESEARCHERS.
BR-8-0884 EP 011 389

MEDIA
INTERNATIONAL USES OF MEDIA AND CROSS-CULTURAL COMPARISONS.
BR-8-0471 EP 011 372

MEDIA RESEARCH
AN EXPERIMENTAL STUDY OF THE DEGREE OF AFFECTIVE RESPONSE ELICITED BY SEVERAL MEDIATED AND NON-MEDIATED INSTRUCTIONAL METHODS.
BR-8-I-082 EP 011 369

MEDIA TECHNOLOGY
STIMULUS APPROACH TENDENCIES OF LEARNERS AS A FACTOR IN INSTRUCTIONAL MATERIALS EVALUATION.
BR-8-I-081 EP 011 368

MICROFICHE
DETERMINATION OF USER NEEDS AND FUTURE REQUIREMENTS FOR A SYSTEMS APPROACH TO MICROFORM TECHNOLOGY.
BR-8-0786 EP 011 387

MICROFILM
DETERMINATION OF USER NEEDS AND FUTURE REQUIREMENTS FOR A SYSTEMS APPROACH TO MICROFORM TECHNOLOGY.
BR-8-0786 EP 011 387

MODELS
A PROPOSAL FOR RESEARCH ON THE DETERMINATION OF TEACHER SALARY INCREASES.
BR-8-E-096 EP 011 356

THE DEVELOPMENT OF GUIDELINES FOR COOPERATIVE PURCHASING AGENCIES AND PROCEDURES FOR PUBLIC SCHOOL DISTRICTS IN THE UNITED STATES.
BR-8-H-028 EP 011 361

THE EFFECTS OF INDIVIDUAL DIFFERENCES ON OBSERVATIONAL LEARNING IN THE ACQUISITION OF A TEACHING SKILL.
BR-8-I-073 EP 011 365

MOTIVATION
LEARNING THROUGH AVIATION.
BR-8-I-063 EP 011 363

NATIONAL PROGRAMS
THE SOCIAL SYSTEM OF GOVERNMENT SUPPORTED RESEARCH–AN EVALUATION OF THE SMALL PROJECTS PROGRAM, U.S. OFFICE OF EDUCATION.
BR-8-B-901 EP 011 346

SOCIAL SERVICE AIDE PROJECT FOR THE EDUCATION AND TRAINING OF SUBPROFESSIONALS.
BR-7-0329 EP 011 370

NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS.
BR-8-0771 EP 011 384

NATIONAL SURVEYS
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS.
BR-8-0771 EP 011 384

NEGRO ATTITUDES
EFFECTS OF SOME AUDIO-VISUAL TECHNIQUES ON RACIAL SELF-CONCEPT OF NEGROES AND RACIAL ATTITUDES OF WHITES.
BR-8-E-040 EP 011 351

NEGRO ROLE
EFFECTS OF SOME AUDIO-VISUAL TECHNIQUES ON RACIAL SELF-CONCEPT OF NEGROES AND RACIAL ATTITUDES OF WHITES.
BR-8-E-040 EP 011 351

NEGRO STUDENTS
EFFECTS OF SOME AUDIO-VISUAL TECHNIQUES ON RACIAL SELF-CONCEPT OF NEGROES AND RACIAL ATTITUDES OF WHITES.
BR-8-E-040 EP 011 351

NETWORKS
THE EDUCATIONAL INFORMATION NETWORK (EIN).
BR-8-0697 EP 011 378

NONPRINT MATERIALS
ANALYSIS OF THE NEED FOR AND FEASIBILITY OF MORE EFFECTIVE DISTRIBUTION OF GOVERNMENT-SUPPORTED NON-WRITTEN MATERIALS.
BR-8-0716 EP 011 381

OBSERVATION
OBSERVATIONAL CATEGORIES IN VERBAL LEARNING THEORY.
BR-8-E-023 EP 011 349

OCCUPATIONAL INFORMATION
SOCIAL SERVICE AIDE PROJECT FOR THE EDUCATION AND TRAINING OF SUBPROFESSIONALS.
BR-7-0329 EP 011 370

DEVELOPMENT OF GENERALIZABLE EDUCATIONAL PROGRAMS IN LASER AND ELECTRO-OPTICAL TECHNOLOGY.
BR-8-0491 EP 011 375

ORGANIZATIONAL CLIMATE
AN ANALYSIS OF THE RELATIONSHIP OF THE DEGREE OF SATISFACTION OF TEACHERS WITHIN CERTAIN OHIO SCHOOLS WITH THE FORMAL COMMUNICATION OF THEIR PRINCIPAL.
BR-8-E-085 EP 011 352

PATTERNED RESPONSES
THE INITIAL DEVELOPMENT OF A TECHNIQUE FOR DERIVING ADDITIONAL INFORMATION FROM TEST PERFORMANCE.
BR-8-E-087 EP 011 353

PERCEPTION
THE EFFECTS OF INDIVIDUAL DIFFERENCES ON OBSERVATIONAL LEARNING IN THE ACQUISITION OF A TEACHING SKILL.
BR-8-I-073 EP 011 365

PERSONALITY ASSESSMENT
AN ANALYSIS OF PERSONALITY PATTERNS OF WOMEN IN SELECTED PROFESSIONS.
BR-8-H-026 EP 011 359

PERSONALITY STUDIES
AN ANALYSIS OF PERSONALITY PATTERNS OF WOMEN IN SELECTED PROFESSIONS.
BR-8-H-026 EP 011 359

PILOT PROJECTS
DETERMINATION OF USER NEEDS AND FUTURE REQUIREMENTS FOR A SYSTEMS APPROACH TO MICROFORM TECHNOLOGY.
BR-8-0786 EP 011 387

POST DOCTORAL EDUCATION
POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0783 EP 011 386

POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0885 EP 011 390

PROBLEM SOLVING
A PILOT STUDY OF YOUNG CHILDREN'S COPING STRATEGIES.
BR-8-8-084 EP 011 345

PROFESSIONAL EDUCATION
AN UNDERGRADUATE MAJOR IN EDUCATIONAL RESEARCH FOR THE BACHELOR OF ARTS STUDENT.
BR-8-0662 EP 011 377

POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0885 EP 011 390

PROFESSIONAL PERSONNEL
AN ANALYSIS OF PERSONALITY PATTERNS OF WOMEN IN SELECTED PROFESSIONS.
BR-8-H-026 EP 011 359

PROFESSIONAL TRAINING
AN UNDERGRADUATE MAJOR IN EDUCATIONAL RESEARCH FOR THE BACHELOR OF ARTS STUDENT.
BR-8-0662 EP 011 377

POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0783 EP 011 386

INSTITUTE ON DESIGN AND EVALUATION FOR TITLE I AND TITLE III PERSONNEL.
BR-8-8059 EP 011 395

PROGRAM ADMINISTRATION
THE SOCIAL SYSTEM OF GOVERNMENT SUPPORTED RESEARCH--AN EVALUATION OF THE SMALL PROJECTS PROGRAM, U.S. OFFICE OF EDUCATION.
BR-8-B-901 EP 011 346

PROGRAMED INSTRUCTION
GROUP USE OF PROGRAMMED INSTRUCTION WITH CULTURALLY DISADVANTAGED KINDERGARTEN CHILDREN--A PILOT PROJECT.
BR-8-E-035 EP 011 350

DEVELOPMENT OF AN INSTRUCTIONAL AID FOR A COURSE IN MULTIVARIATE EDUCATIONAL STATISTICS.
BR-8-I-080 EP 011 367

PUBLIC SCHOOLS
THE LEGAL STATUS (HISTORICAL DEVELOPMENT, CURRENT STATUTES AND COURT DECISIONS) OF PUPIL TRANSPORTATION IN THE PUBLIC SCHOOLS OF THE UNITED STATES.
BR-8-H-027 EP 011 360

PUBLIC SUPPORT
ALTERNATIVE SYSTEMS FOR PUBLIC SUPPORT OF HIGHER EDUCATION AND THEIR SOCIOLOGICAL IMPLICATIONS.
BR-8-0700 EP 011 379

PURCHASING
THE DEVELOPMENT OF GUIDELINES FOR COOPERATIVE PURCHASING AGENCIES AND PROCEDURES FOR PUBLIC SCHOOL DISTRICTS IN THE UNITED STATES.
BR-8-H-028 EP 011 361

QUALITY CONTROL
TRAINING FOR RESEARCH QUALITY--A STUDY OF EDUCATIONAL RESEARCHERS.
BR-8-0884 EP 011 389

READING IMPROVEMENTS
A STUDY OF THE EFFECTS OF A COMBINED READING AND GROUP COUNSELING PROGRAM ON COMMUNITY COLLEGE STUDENTS.
BR-8-I-069 EP 011 364

READING PROGRAMS
INVESTIGATION OF INNER CITY READING INSTRUCTION PROGRAMS.
BR-8-F-100 EP 011 358

READING RESEARCH
INVESTIGATION OF INNER CITY READING INSTRUCTION PROGRAMS.
BR-8-F-100 EP 011 358

REALIA
ANALYSIS OF THE NEED FOR AND FEASIBILITY OF MORE EFFECTIVE DISTRIBUTION OF GOVERNMENT-SUPPORTED NON-WRITTEN MATERIALS.
BR-8-0716 EP 011 381

REGIONAL COOPERATION
PLANNING GRADUATE PROGRAMS AROUND REGIONAL PROBLEMS THROUGH ESTABLISHMENT OF REGIONAL RESEARCH CENTERS IN EMERGING STATE COLLEGES AND UNIVERSITIES IN THE CUT-OVER AREAS OF WISCONSIN, MINNESOTA, AND MICHIGAN.
BR-8-E-094 EP 011 354

REINFORCEMENT
GROUP USE OF PROGRAMMED INSTRUCTION WITH CULTURALLY DISADVANTAGED KINDERGARTEN CHILDREN--A PILOT PROJECT.
BR-8-E-035 EP 011 350

REINFORCERS
GROUP USE OF PROGRAMMED INSTRUCTION WITH CULTURALLY DISADVANTAGED KINDERGARTEN CHILDREN--A PILOT PROJECT.
BR-8-E-035 EP 011 350

RESEARCH AND DEVELOPMENT CENTERS
PLANNING GRADUATE PROGRAMS AROUND REGIONAL PROBLEMS THROUGH ESTABLISHMENT OF REGIONAL RESEARCH CENTERS IN EMERGING STATE COLLEGES AND UNIVERSITIES IN THE CUT-OVER AREAS OF WISCONSIN, MINNESOTA, AND MICHIGAN.
BR-8-E-094 EP 011 354

RESEARCH METHODOLOGY
A PILOT STUDY OF YOUNG CHILDREN'S COPING STRATEGIES.
BR-8-8-084 EP 011 345

OBSERVATIONAL CATEGORIES IN VERBAL LEARNING THEORY.
BR-8-E-023 EP 011 349

COLLEGE CHARACTERISTICS AS A MODERATING INFLUENCE ON STUDENT ACHIEVEMENT.
BR-8-0907 EP 011 391

COUNSELOR RESEARCH TRAINING.
BR-8-8038 EP 011 393

RESEARCH PROJECTS
THE ROLE OF COLLEGE-COMMUNITY RELATIONSHIPS IN URBAN HIGHER EDUCATION.
BR-8-0760 EP 011 383

RESEARCH PROPOSALS
ANALYSIS AND EVALUATION OF PLANS FOR COMPREHENSIVE ELEMENTARY TEACHER EDUCATION MODELS.
BR-8-8056 EP 011 394

RESEARCH TOOLS
THE INITIAL DEVELOPMENT OF A TECHNIQUE FOR DERIVING ADDITIONAL INFORMATION FROM TEST PERFORMANCE.
BR-8-E-087 EP 011 353

RESOURCE CENTERS
THE ORGANIZATION AND OPERATION OF EDUCATIONAL RESOURCES SELECTION CENTERS--IDENTIFICATION AND ANALYSIS OF CURRENT PRACTICES AND GUIDELINES FOR MODEL CENTERS.
BR-8-0515 EP 011 376

SCHOOL COMMUNITY RELATIONSHIP
THE ROLE OF COLLEGE-COMMUNITY RELATIONSHIPS IN URBAN HIGHER EDUCATION.
BR-8-0760 EP 011 383

SCHOOL DESIGN
INTERNATIONAL USES OF MEDIA AND CROSS-CULTURAL COMPARISONS.
BR-8-0471 EP 011 372

SECONDARY SCHOOL COUNSELORS
COUNSELOR RESEARCH TRAINING.
BR-8-8038 EP 011 393

SELECTION
THE ORGANIZATION AND OPERATION OF EDUCATIONAL RESOURCES SELECTION CENTERS--IDENTIFICATION AND ANALYSIS OF CURRENT PRACTICES AND GUIDELINES FOR MODEL CENTERS.
BR-8-0515 EP 011 376

SERVICE OCCUPATIONS
DEVELOP NEW CAREERS LADDERS, WITH APPROPRIATE EDUCATION COMPONENTS, IN THE ADMINISTRATION OF JUSTICE.
BR-8-0715 EP 011 342

SIMULATORS
A PROPOSAL FOR RESEARCH ON THE DETERMINATION OF TEACHER SALARY INCREASES.
BR-8-E-096 EP 011 356

SKILL DEVELOPMENT
INSTITUTE ON DESIGN AND EVALUATION FOR TITLE I AND TITLE III PERSONNEL.
BR-8-8059 EP 011 395

SMALL SCHOOLS
DEVELOPMENT AND EVALUATION OF AN INTEGRATED CAREER DEVELOPMENT CURRICULUM.
BR-7-1323 EP 011 343

SOCIAL CHANGE
AN EXAMINATION OF THE SOCIO-ECONOMIC IMPLICATIONS OF THE ADOPTION OF INDIVIDUALLY PRESCRIBED INSTRUCTION SYSTEMS BY SCHOOL SYSTEMS.
BR-8-0480 EP 011 373

SOCIAL STUDIES
THE EFFECTS OF HETEROGENEOUS GROUPING ON EIGHT GRADE STUDENTS IN SOCIAL STUDIES.
BR-8-I-046 EP 011 362

SOCIOECONOMIC INFLUENCES

AN EXAMINATION OF THE SOCIO-ECONOMIC IMPLICATIONS OF THE ADOPTION OF INDIVIDUALLY PRESCRIBED INSTRUCTION SYSTEMS BY SCHOOL SYSTEMS.
BR-8-0480 EP 011 373

STATE DEPARTMENTS OF EDUCATION
DEVELOPMENT OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT AND LARGE CITY SCHOOL DISTRICT PUBLICATIONS.
BR-8-0776 EP 011 385

STATE LAWS
THE LEGAL STATUS (HISTORICAL DEVELOPMENT, CURRENT STATUTES AND COURT DECISIONS) OF PUPIL TRANSPORTATION IN THE PUBLIC SCHOOLS OF THE UNITED STATES.
BR-8-H-027 EP 011 360

STATISTICAL ANALYSIS
DEVELOPMENT OF AN INSTRUCTIONAL AID FOR A COURSE IN MULTIVARIATE EDUCATIONAL STATISTICS.
BR-8-I-080 EP 011 367

STUDENT ACHIEVEMENT
COLLEGE CHARACTERISTICS AS A MODERATING INFLUENCE ON STUDENT ACHIEVEMENT.
BR-8-0907 EP 011 391

STUDENT NEEDS
A PROJECT TO DETERMINE THE PROPER PLACEMENT OF COMPOSITION COURSES WITHIN AN ENGINEERING CURRICULUM.
BR-8-F-002 EP 011 357

STUDENT REACTION
RELATIONSHIPS AMONG TEACHERS' KNOWLEDGE OF PRINCIPLES OF ADULT TEACHING, CLASSROOM PRACTICE, AND TEACHING EFFECTIVENESS.
BR-8-E-095 EP 011 355

SYSTEMS APPROACH
DETERMINATION OF USER NEEDS AND FUTURE REQUIREMENTS FOR A SYSTEMS APPROACH TO MICROFORM TECHNOLOGY.
BR-8-0786 EP 011 387

TAXONOMY
AN EXPERIMENTAL STUDY OF THE DEGREE OF AFFECTIVE RESPONSE ELICITED BY SEVERAL MEDIATED AND NON-MEDIATED INSTRUCTIONAL METHODS.
BR-8-I-082 EP 011 369

TEACHER ADMINISTRATOR RELATIONSHIP
AN ANALYSIS OF THE RELATIONSHIP OF THE DEGREE OF SATISFACTION OF TEACHERS WITHIN CERTAIN OHIO SCHOOLS WITH THE FORMAL COMMUNICATION OF THEIR PRINCIPAL.
BR-8-E-085 EP 011 352

TEACHER ATTITUDES
AN ANALYSIS OF THE RELATIONSHIP OF THE DEGREE OF SATISFACTION OF TEACHERS WITHIN CERTAIN OHIO SCHOOLS WITH THE FORMAL COMMUNICATION OF THEIR PRINCIPAL.
BR-8-E-085 EP 011 352

TEACHER EDUCATION
RELATIONSHIPS AMONG TEACHERS' KNOWLEDGE OF PRINCIPLES OF ADULT TEACHING, CLASSROOM PRACTICE, AND TEACHING EFFECTIVENESS.
BR-8-E-095 EP 011 355

INVESTIGATION OF INNER CITY READING INSTRUCTION PROGRAMS.
BR-8-F-100 EP 011 358

DEVELOPMENT OF A CURRICULUM DESIGNED TO PREPARE DISADVANTAGED PERSONS OF THE COMPTON HIGH SCHOOL AREA FOR EMPLOYMENT IN THE HEALTH OCCUPATIONS.
BR-8-0748 EP 011 382

TEACHER INFLUENCE
CLASS ATTENDANCE AS A FACTOR IN THE ACADEMIC ACHIEVEMENT OF COLLEGE STUDENTS.
BR-8-D-059 EP 011 348

TEACHER INTERNS
THE EFFECTS OF INDIVIDUAL DIFFERENCES ON OBSERVATIONAL LEARNING IN THE ACQUISITION OF A TEACHING SKILL.
BR-8-I-073 EP 011 365

TEACHER SALARIES
A PROPOSAL FOR RESEARCH ON THE DETERMINATION OF TEACHER SALARY INCREASES.
BR-8-E-096 EP 011 356

TEAM TEACHING
DEVELOPMENT OF A CURRICULUM DESIGNED TO PREPARE DISADVANTAGED PERSONS OF THE COMPTON HIGH SCHOOL AREA FOR EMPLOYMENT IN THE HEALTH OCCUPATIONS.
BR-8-0748 EP 011 382

TECHNICAL EDUCATION
SOCIAL SERVICE AIDE PROJECT FOR THE EDUCATION AND TRAINING OF SUBPROFESSIONALS.
BR-7-0329 EP 011 370

DEVELOPMENT OF GENERALIZABLE EDUCATIONAL PROGRAMS IN LASER AND ELECTRO-OPTICAL TECHNOLOGY.
BR-8-0491 EP 011 375

TEST INTERPRETATION
THE INITIAL DEVELOPMENT OF A TECHNIQUE FOR DERIVING ADDITIONAL INFORMATION FROM TEST PERFORMANCE.
BR-8-E-087 EP 011 353

TRAINING
A PROJECT TO DEVELOP EDUCATIONAL MATERIALS FOR TRAINING AUXILIARY PERSONNEL AND PROFESSIONALS TO WORK TOGETHER AS TEAMS WITHIN A SCHOOL SETTING, AND FOR THE TRAINING OF TRAINERS.
BR-9-0065 EP 011 397

TRANSPORTATION
THE LEGAL STATUS (HISTORICAL DEVELOPMENT, CURRENT STATUTES AND COURT DECISIONS) OF PUPIL TRANSPORTATION IN THE PUBLIC SCHOOLS OF THE UNITED STATES.
BR-8-H-027 EP 011 360

UNDERGRADUATE STUDY
A PROJECT TO DETERMINE THE PROPER PLACEMENT OF COMPOSITION COURSES WITHIN AN ENGINEERING CURRICULUM.
BR-8-F-002 EP 011 357

AN UNDERGRADUATE MAJOR IN EDUCATIONAL RESEARCH FOR THE BACHELOR OF ARTS STUDENT.
BR-8-0662 EP 011 377

ANALYSIS AND EVALUATION OF PLANS FOR COMPREHENSIVE ELEMENTARY TEACHER EDUCATION MODELS.
BR-8-8056 EP 011 394

URBAN AREAS
THE ROLE OF COLLEGE-COMMUNITY RELATIONSHIPS IN URBAN HIGHER EDUCATION.
BR-8-0760 EP 011 383

URBAN EDUCATION
POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0885 EP 011 390

URBAN SCHOOLS
INVESTIGATION OF INNER CITY READING INSTRUCTION PROGRAMS.
BR-8-F-100 EP 011 358

USE STUDIES
DETERMINATION OF USER NEEDS AND FUTURE REQUIREMENTS FOR A SYSTEMS APPROACH TO MICROFORM TECHNOLOGY.
BR-8-0786 EP 011 387

VERBAL LEARNING
OBSERVATIONAL CATEGORIES IN VERBAL LEARNING THEORY.
BR-8-E-023 EP 011 349

VOCATIONAL DEVELOPMENT
DEVELOP NEW CAREERS LADDERS, WITH APPROPRIATE EDUCATION COMPONENTS, IN THE ADMINISTRATION OF JUSTICE.
BR-8-0715 EP 011 342

VOCATIONAL EDUCATION
FOLLOW-UP STUDY TO ASSESS CURRICULUM DEVELOPMENT INSTITUTE AND EVALUATE GUIDE TO CURRICULUM DEVELOPMENT.
BR-8-I-076 EP 011 366

SOCIAL SERVICE AIDE PROJECT FOR THE EDUCATION AND TRAINING OF SUBPROFESSIONALS.
BR-7-0329 EP 011 370

WORKING WOMEN
AN ANALYSIS OF PERSONALITY PATTERNS OF WOMEN IN SELECTED PROFESSIONS.
BR-8-H-026 EP 011 359

WRITING SKILLS
A PROJECT TO DETERMINE THE PROPER PLACEMENT OF COMPOSITION COURSES WITHIN AN ENGINEERING CURRICULUM.
BR-8-F-002 EP 011 357

investigator index

This index lists projects under the name of the investigators responsible for them. The index is arranged in alphabetical order by the person's last name.

As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the project can be found under that number in the résumé section.

WALTON, GEORGE

SMALL PROJECT RESEARCH PROPOSAL
IN SECONDARY SCHOOL SCIENCE.,A
BR-7-G-045 EP 011 005

Accession Number

INVESTIGATOR INDEX

ALBERTINI, JOHN A.
STUDY OF THE DEVELOPMENT AND PRESENT STATUS OF AUTOMATED TECHNIQUES AND PROCEDURES IN FEDERAL LIBRARIES AND DOCUMENTATION CENTERS.
BR-8-9031 EP 011 396

BARTON, ALLEN H.
SOCIAL SYSTEM OF GOVERNMENT SUPPORTED RESEARCH–AN EVALUATION OF THE SMALL PROJECTS PROGRAM, U.S. OFFICE OF EDUCATION,THE
BR-8-B-001 EP 011 346

BERG, CLAY N.
RELATIONSHIPS AMONG TEACHERS' KNOWLEDGE OF PRINCIPLES OF ADULT TEACHING, CLASSROOM PRACTICE, AND TEACHING EFFECTIVENESS.
BR-8-E-095 EP 011 355

BHUSHAN, VIDYA
DEVELOPMENT OF AN INSTRUCTIONAL AID FOR A COURSE IN MULTIVARIATE EDUCATIONAL STATISTICS.
BR-8-I-080 EP 011 367

BRIGHT, HAROLD F.
ERIC CLEARINGHOUSE ON HIGHER EDUCATION.
BR-8-0487 EP 011 374

BRUHA, JOHN J.
STIMULUS APPROACH TENDENCIES OF LEARNERS AS A FACTOR IN INSTRUCTIONAL MATERIALS EVALUATION.
BR-8-I-081 EP 011 368

CHASE, CLINTON I.
INSTITUTE ON DESIGN AND EVALUATION FOR TITLE I AND TITLE III PERSONNEL.
BR-8-8059 EP 011 395

CLARK, BERNARD
DEVELOPMENT OF A CURRICULUM DESIGNED TO PREPARE DISADVANTAGED PERSONS OF THE COMPTON HIGH SCHOOL AREA FOR EMPLOYMENT IN THE HEALTH OCCUPATIONS.
BR-8-0748 EP 011 382

COFFMAN, WILLIAM E.
POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0783 EP 011 386

CRIST, ROBERT L.
GROUP USE OF PROGRAMMED INSTRUCTION WITH CULTURALLY DISADVANTAGED KINDERGARTEN CHILDREN–A PILOT PROJECT.
BR-8-E-035 EP 011 350

DOLBY, JAMES L.
STUDY OF THE COST OF MAINTAINING AND UPDATING LIBRARY CARD CATALOGS,A
BR-8-0292 EP 011 371

DUGGER, ROY W.
DEVELOPMENT OF GENERALIZABLE EDUCATIONAL PROGRAMS IN LASER AND ELECTRO-OPTICAL TECHNOLOGY.
BR-8-0491 EP 011 375

ENGBRETSON, WILLIAM E.
ANALYSIS AND EVALUATION OF PLANS FOR COMPREHENSIVE ELEMENTARY TEACHER EDUCATION MODELS.
BR-8-8056 EP 011 394

ETZIONI, AMITAI
ALTERNATIVE SYSTEMS FOR PUBLIC SUPPORT OF HIGHER EDUCATION AND THEIR SOCIOLOGICAL IMPLICATIONS.
BR-8-0700 EP 011 379

FORSYTHE, RALPH A.
DEVELOPMENT OF GUIDELINES FOR COOPERATIVE PURCHASING AGENCIES AND PROCEDURES FOR PUBLIC SCHOOL DISTRICTS IN THE UNITED STATES,THE
BR-8-H-028 EP 011 361

LEGAL STATUS (HISTORICAL DEVELOPMENT, CURRENT STATUTES AND COURT DECISIONS) OF PUPIL TRANSPORTATION IN THE PUBLIC SCHOOLS OF THE UNITED STATES,THE
BR-8-H-027 EP 011 360

GARVUE, ROBERT J.
EXAMINATION OF THE SOCIO-ECONOMIC IMPLICATIONS OF THE ADOPTION OF INDIVIDUALLY PRESCRIBED INSTRUCTION SYSTEMS BY SCHOOL SYSTEMS,AN
BR-8-0480 EP 011 373

GERWIN, DONALD
PROPOSAL FOR RESEARCH ON THE DETERMINATION OF TEACHER SALARY INCREASES,A
BR-8-E-096 EP 011 356

GRANT, J. DOUGLAS
DEVELOP NEW CAREERS LADDERS, WITH APPROPRIATE EDUCATION COMPONENTS, IN THE ADMINISTRATION OF JUSTICE.
BR-8-0715 EP 011 342

HELWIG, CARL
ANALYSIS OF THE RELATIONSHIP OF THE DEGREE OF SATISFACTION OF TEACHERS WITHIN CERTAIN OHIO SCHOOLS WITH THE FORMAL COMMUNICATION OF THEIR PRINCIPAL,AN
BR-8-E-085 EP 011 352

HOLMES, DONALD C.
DETERMINATION OF USER NEEDS AND FUTURE REQUIREMENTS FOR A SYSTEMS APPROACH TO MICROFORM TECHNOLOGY.
BR-8-0786 EP 011 387

JAFFE, A.J.
FOLLOW-UP OF U.S. CROSS SECTION OF HIGH SCHOOL SENIORS IN 1965.
BR-8-0856 EP 011 388

KEENAN, THOMAS A.
EDUCATIONAL INFORMATION NETWORK (EIN),THE
BR-8-0697 EP 011 378

KLOPF, GORDON
PROJECT TO DEVELOP EDUCATIONAL MATERIALS FOR TRAINING AUXILIARY PERSONNEL AND PROFESSIONALS TO WORK TOGETHER AS TEAMS WITHIN A SCHOOL SETTING, AND FOR THE TRAINING OF TRAINERS,A
BR-9-0065 EP 011 397

KNAPP, B.H.
FOLLOW-UP STUDY TO ASSESS CURRICULUM DEVELOPMENT INSTITUTE AND EVALUATE GUIDE TO CURRICULUM DEVELOPMENT.
BR-8-I-076 EP 011 366

KNOX, JOHN B.
CLASS ATTENDANCE AS A FACTOR IN THE ACADEMIC ACHIEVEMENT OF COLLEGE STUDENTS.
BR-8-D-059 EP 011 348

KORAN, MARY L.
EFFECTS OF INDIVIDUAL DIFFERENCES ON OBSERVATIONAL LEARNING IN THE ACQUISITION OF A TEACHING SKILL,THE
BR-8-I-073 EP 011 365

KREUTER, MORTIMER
POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0885 EP 011 390

LAZARSFELD, PAUL F.
TRAINING FOR RESEARCH QUALITY–A STUDY OF EDUCATIONAL RESEARCHERS.
BR-8-0884 EP 011 389

LEE, ALLEN
DEVELOPMENT OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT AND LARGE CITY SCHOOL DISTRICT PUBLICATIONS.
BR-8-0776 EP 011 385

LONG, THOMAS
COUNSELOR RESEARCH TRAINING.
BR-8-8038 EP 011 393

LYBRAND, WILLIAM A.
INTERNATIONAL USES OF MEDIA AND CROSS-CULTURAL COMPARISONS.
BR-8-0471 EP 011 372

MAHONEY, JAMES E.
ANALYSIS OF THE NEED FOR AND FEASIBILITY OF MORE EFFECTIVE DISTRIBUTION OF GOVERNMENT-SUPPORTED NON-WRITTEN MATERIALS.
BR-8-0716 EP 011 381

MARGOLIN, JOSEPH
ANALYSIS OF THE NEED FOR AND FEASIBILITY OF MORE EFFECTIVE DISTRIBUTION OF GOVERNMENT-SUPPORTED NON-WRITTEN MATERIALS.
BR-8-0716 EP 011 381

MARTIN, DOROTHY R.
ANALYSIS OF PERSONALITY PATTERNS OF WOMEN IN SELECTED PROFESSIONS,AN
BR-8-H-026 EP 011 359

MILLIKEN, ROBERT L.
PILOT STUDY OF THE COUNSELOR'S ABILITY TO UNDERSTAND A STUDENT'S COMMUNICATION AS A FUNCTION OF THE COUNSELOR'S PERCEPTUAL DEFENSE,A
BR-8-C-037 EP 011 347

MINTER, W. JOHN
REGIONAL COOPERATIVE PROJECT AMONG HIGHER EDUCATION INSTITUTIONS AND COORDINATING AGENCIES TO DESIGN, DEVELOP AND IMPLEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON UNIFORM DATA ELEMENTS.
BR-8-0708 EP 011 380

MOORE, J. WILLIAM
UNDERGRADUATE MAJOR IN EDUCATIONAL RESEARCH FOR THE BACHELOR OF ARTS STUDENT,AN
BR-8-0662 EP 011 377

MORSE, HARRISON R.
EDUCATIONAL INFORMATION NETWORK (EIN),THE
BR-8-0697 EP 011 378

MULLEN, ROBERT
LEARNING THROUGH AVIATION.
BR-8-I-063 EP 011 363

NICHOLI, ARMAND M., JR.
INVESTIGATION OF HARVARD DROPOUTS,AN
BR-8-A-018 EP 011 344

NISKANEN, WILLIAM A.
STUDY OF CERTAIN ASPECTS OF FEDERAL EDUCATION POLICY,A
BR-8-0908 EP 011 392

PEARSON, DAVID T.
STUDY OF THE EFFECTS OF A COMBINED READING AND GROUP COUNSELING PROGRAM ON COMMUNITY COLLEGE STUDENTS,A
BR-8-I-069 EP 011 364

PETRIE, HUGH G.
OBSERVATIONAL CATEGORIES IN VERBAL LEARNING THEORY.
BR-8-E-023 EP 011 349

RAMSEY, WALLACE Z.
INVESTIGATION OF INNER CITY READING INSTRUCTION PROGRAMS.
BR-8-F-100 EP 011 358

RANDOLPH, HARLAND
ROLE OF COLLEGE-COMMUNITY RELATIONSHIPS IN URBAN HIGHER EDUCATION,THE
BR-8-0760 EP 011 383

REITZES, DIETRICH
SOCIAL SERVICE AIDE PROJECT FOR THE EDUCATION AND TRAINING OF SUBPROFESSIONALS.
BR-7-0329 EP 011 370

ROCK, DONALD A.
COLLEGE CHARACTERISTICS AS A MODERATING INFLUENCE ON STUDENT ACHIEVEMENT.
BR-8-0907 EP 011 391

RODEHEAVER, JOSEPH N.
EFFECTS OF HETEROGENEOUS GROUPING ON EIGHT GRADE STUDENTS IN SOCIAL STUDIES,THE
BR-8-I-046 EP 011 362

ROTHENBERG, BARBARA B.
PILOT STUDY OF YOUNG CHILDREN'S COPING STRATEGIES,A
BR-8-8-084 EP 011 345

ROWELL, JOHN
ORGANIZATION AND OPERATION OF EDUCATIONAL RESOURCES SELECTION CENTERS--IDENTIFICATION AND ANALYSIS OF CURRENT PRACTICES AND GUIDELINES FOR MODEL CENTERS,THE
BR-8-0515 EP 011 376

SILBER, KENNETH M.
EXPERIMENTAL STUDY OF THE DEGREE OF AFFECTIVE RESPONSE ELICITED BY SEVERAL MEDIATED AND NON-MEDIATED INSTRUCTIONAL METHODS,AN
BR-8-I-082 EP 011 369

SIMMONS, JAMES C.
EXAMINATION OF THE SOCIO-ECONOMIC IMPLICATIONS OF THE ADOPTION OF INDIVIDUALLY PRESCRIBED INSTRUCTION SYSTEMS BY SCHOOL SYSTEMS,AN
BR-8-0480 EP 011 373

STUTZ, ROWAN C.
DEVELOPMENT AND EVALUATION OF AN INTEGRATED CAREER DEVELOPMENT CURRICULUM.
BR-7-1323 EP 011 343

TEAHAN, JOHN E.
EFFECTS OF SOME AUDIO-VISUAL TECHNIQUES ON RACIAL SELF-CONCEPT OF NEGROES AND RACIAL ATTITUDES OF WHITES.
BR-8-E-040 EP 011 351

WICK, JOHN W.
INITIAL DEVELOPMENT OF A TECHNIQUE FOR DERIVING ADDITIONAL INFORMATION FROM TEST PERFORMANCE,THE
BR-8-E-087 EP 011 353

WILLIAMS, JUANITA H.
PROJECT TO DETERMINE THE PROPER PLACEMENT OF COMPOSITION COURSES WITHIN AN ENGINEERING CURRICULUM,A
BR-8-F-002 EP 011 357

WOMER, FRANK B.
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS.
BR-8-0771 EP 011 384

WYMAN, WALKER D.
PLANNING GRADUATE PROGRAMS AROUND REGIONAL PROBLEMS THROUGH ESTABLISHMENT OF REGIONAL RESEARCH CENTERS IN EMERGING STATE COLLEGES AND UNIVERSITIES IN THE CUT-OVER AREAS OF WISCONSIN, MINNESOTA, AND MICHIGAN.
BR-8-E-094 EP 011 354

institution index

This index lists the titles of projects under the institution responsible for them. The index is arranged in alphabetical sequence by the name of the university, agency, association, etc. As shown in the example below, the accession number is displayed below and to the right of the title. Additional information about the project can be found under that number in the résumé section.

WESTERN NEW MEXICO UNIV.,
SILVER CITY

SMALL PROJECT RESEARCH PROPOSAL
IN SECONDARY SCHOOL SCIENCE.,A
BR 7-G-045 EP 011 005

Accession Number

INSTITUTION INDEX

AKRON UNIV., OHIO
ANALYSIS OF THE RELATIONSHIP OF THE DEGREE OF SATISFACTION OF TEACHERS WITHIN CERTAIN OHIO SCHOOLS WITH THE FORMAL COMMUNICATION OF THEIR PRINCIPAL,AN
BR-8-E-065 EP 011 352

ALTOONA AREA SCHOOL DISTRICT, PA.
COUNSELOR RESEARCH TRAINING.
BR-8-8038 EP 011 393

AMERICAN ASSN. OF COLL. FOR TEACHER EDUC.,WASH,D.C
ANALYSIS AND EVALUATION OF PLANS FOR COMPREHENSIVE ELEMENTARY TEACHER EDUCATION MODELS.
BR-8-8056 EP 011 394

AMERICAN UNIV., WASHINGTON, D.C.
INTERNATIONAL USES OF MEDIA AND CROSS-CULTURAL COMPARISONS.
BR-8-0471 EP 011 372

BANK STREET COLL. OF EDUCATION, NEW YORK, N.Y.
PROJECT TO DEVELOP EDUCATIONAL MATERIALS FOR TRAINING AUXILIARY PERSONNEL AND PROFESSIONALS TO WORK TOGETHER AS TEAMS WITHIN A SCHOOL SETTING, AND FOR THE TRAINING OF TRAINERS,A
BR-9-0065 EP 011 397

BERKELEY UNIFIED SCHOOL DISTRICT, CALIF.
EFFECTS OF HETEROGENEOUS GROUPING ON EIGHT GRADE STUDENTS IN SOCIAL STUDIES,THE
BR-8-I-046 EP 011 362

BUCKNELL UNIV., LEWISBURG, PA.
UNDERGRADUATE MAJOR IN EDUCATIONAL RESEARCH FOR THE BACHELOR OF ARTS STUDENT,AN
BR-8-0662 EP 011 377

BUREAU OF SOCIAL SCIENCE RESEARCH INC., WASH.,D.C.
ALTERNATIVE SYSTEMS FOR PUBLIC SUPPORT OF HIGHER EDUCATION AND THEIR SOCIOLOGICAL IMPLICATIONS.
BR-8-0700 EP 011 379

CENTER FOR URBAN EDUCATION, NEW YORK, N.Y.
POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0885 EP 011 390

CHICAGO UNIV., ILL.
RELATIONSHIPS AMONG TEACHERS' KNOWLEDGE OF PRINCIPLES OF ADULT TEACHING, CLASSROOM PRACTICE, AND TEACHING EFFECTIVENESS.
BR-8-E-095 EP 011 355

COLORADO UNIV., BOULDER
ANALYSIS OF PERSONALITY PATTERNS OF WOMEN IN SELECTED PROFESSIONS,AN
BR-8-H-026 EP 011 359

COLUMBIA UNIV., NEW YORK
FOLLOW-UP OF U.S. CROSS SECTION OF HIGH SCHOOL SENIORS IN 1965.
BR-8-0856 EP 011 388

SOCIAL SYSTEM OF GOVERNMENT SUPPORTED RESEARCH--AN EVALUATION OF THE SMALL PROJECTS PROGRAM, U.S. OFFICE OF EDUCATION,THE
BR-8-B-901 EP 011 346

TRAINING FOR RESEARCH QUALITY--A STUDY OF EDUCATIONAL RESEARCHERS.
BR-8-0884 EP 011 389

DENVER UNIV., COLO.
DEVELOPMENT OF GUIDELINES FOR COOPERATIVE PURCHASING AGENCIES AND PROCEDURES FOR PUBLIC SCHOOL DISTRICTS IN THE UNITED STATES,THE
BR-8-H-028 EP 011 361

LEGAL STATUS (HISTORICAL DEVELOPMENT, CURRENT STATUTES AND COURT DECISIONS) OF PUPIL TRANSPORTATION IN THE PUBLIC SCHOOLS OF THE UNITED STATES,THE
BR-8-H-027 EP 011 360

EDUCATIONAL TESTING SERVICE, PRINCETON, N.J.
COLLEGE CHARACTERISTICS AS A MODERATING INFLUENCE ON STUDENT ACHIEVEMENT.
BR-8-0907 EP 011 391

POSTDOCTORAL FELLOWSHIP PROGRAM IN EDUCATIONAL RESEARCH.
BR-8-0783 EP 011 386

FLORIDA ST. UNIV., TALLAHASSEE
EXAMINATION OF THE SOCIO-ECONOMIC IMPLICATIONS OF THE ADOPTION OF INDIVIDUALLY PRESCRIBED INSTRUCTION SYSTEMS BY SCHOOL SYSTEMS,AN
BR-8-0480 EP 011 373

GEORGE WASHINGTON UNIV., WASHINGTON, D.C.
ANALYSIS OF THE NEED FOR AND FEASIBILITY OF MORE EFFECTIVE DISTRIBUTION OF GOVERNMENT-SUPPORTED NON-WRITTEN MATERIALS.
BR-8-0716 EP 011 381

ERIC CLEARINGHOUSE ON HIGHER EDUCATION.
BR-8-0487 EP 011 374

HAWAII UNIV., HONOLULU
DEVELOPMENT OF AN INSTRUCTIONAL AID FOR A COURSE IN MULTIVARIATE EDUCATIONAL STATISTICS.
BR-8-I-080 EP 011 367

ILLINOIS STATE UNIV., NORMAL
GROUP USE OF PROGRAMMED INSTRUCTION WITH CULTURALLY DISADVANTAGED KINDERGARTEN CHILDREN--A PILOT PROJECT.
BR-8-E-035 EP 011 350

INDIANA UNIV. FOUNDATION, BLOOMINGTON
(AFFILIATED WITH INDIANA UNIV.)
INSTITUTE ON DESIGN AND EVALUATION FOR TITLE I AND TITLE III PERSONNEL.
BR-8-8059 EP 011 395

IOWA STATE UNIV. OF SCIENCE AND TECH., AMES
PROJECT TO DETERMINE THE PROPER PLACEMENT OF COMPOSITION COURSES WITHIN AN ENGINEERING CURRICULUM,A
BR-8-F-002 EP 011 357

KENTUCKY UNIV., LEXINGTON
PILOT STUDY OF THE COUNSELOR'S ABILITY TO UNDERSTAND A STUDENT'S COMMUNICATION AS A FUNCTION OF THE COUNSELOR'S PERCEPTUAL DEFENSE,A
BR-8-C-037 EP 011 347

MISSOURI UNIV., ST. LOUIS
INVESTIGATION OF INNER CITY READING INSTRUCTION PROGRAMS.
BR-8-F-100 EP 011 358

NATIONAL BOOK COMMITTEE INC., NEW YORK, N.Y.
ORGANIZATION AND OPERATION OF EDUCATIONAL RESOURCES SELECTION CENTERS--IDENTIFICATION AND ANALYSIS OF CURRENT PRACTICES AND GUIDELINES FOR MODEL CENTERS,THE
BR-8-0515 EP 011 376

NEVADA WESTERN STATES SMALL SCHOOLS PROJ.
CARSON CITY
DEVELOPMENT AND EVALUATION OF AN INTEGRATED CAREER DEVELOPMENT CURRICULUM.
BR-7-1323 EP 011 343

NEW CAREERS DEVELOPMENT ORGAN., OAKLAND, CALIF.
DEVELOP NEW CAREERS LADDERS, WITH APPROPRIATE EDUCATION COMPONENTS, IN THE ADMINISTRATION OF JUSTICE.
BR-8-0715 EP 011 342

NORTHWESTERN UNIV., EVANSTON, ILL.
INITIAL DEVELOPMENT OF A TECHNIQUE FOR DERIVING ADDITIONAL INFORMATION FROM TEST PERFORMANCE,THE
BR-8-E-087 EP 011 353

OBSERVATIONAL CATEGORIES IN VERBAL LEARNING THEORY.
BR-8-E-023 EP 011 349

OREGON COLL. OF EDUCATION, MONMOUTH
DEVELOPMENT OF AN ERIC DOCUMENTATION CENTER FOR STATE EDUCATION DEPARTMENT AND LARGE CITY SCHOOL DISTRICT PUBLICATIONS.
BR-8-0776 EP 011 385

OREGON STATE UNIV., CORVALLIS
FOLLOW-UP STUDY TO ASSESS CURRICULUM DEVELOPMENT INSTITUTE AND EVALUATE GUIDE TO CURRICULUM DEVELOPMENT.
BR-8-I-076 EP 011 366

R AND D CONSULTANTS CO., LOS ALTOS, CALIF.
STUDY OF THE COST OF MAINTAINING AND UPDATING LIBRARY CARD CATALOGS,A
BR-8-0292 EP 011 371

STANFORD UNIV., CALIF.
EFFECTS OF INDIVIDUAL DIFFERENCES ON OBSERVATIONAL LEARNING IN THE ACQUISITION OF A TEACHING SKILL,THE
BR-8-I-073 EP 011 365

TECHNICAL EDUCATION RESEARCH CTR., WACO, TEX.
DEVELOPMENT OF GENERALIZABLE EDUCATIONAL PROGRAMS IN LASER AND ELECTRO-OPTICAL TECHNOLOGY.
BR-8-0491 EP 011 375

TENNESSEE UNIV., KNOXVILLE
CLASS ATTENDANCE AS A FACTOR IN THE ACADEMIC ACHIEVEMENT OF COLLEGE STUDENTS.
BR-8-D-059 EP 011 348

UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES
EXPERIMENTAL STUDY OF THE DEGREE OF AFFECTIVE RESPONSE ELICITED BY SEVERAL MEDIATED AND NON-MEDIATED INSTRUCTIONAL METHODS,AN
BR-8-I-082 EP 011 369

STIMULUS APPROACH TENDENCIES OF LEARNERS AS A FACTOR IN INSTRUCTIONAL MATERIALS EVALUATION.
BR-8-I-081 EP 011 368

WAYNE STATE UNIV., DETROIT, MICH.

EFFECTS OF SOME AUDIO-VISUAL TECHNIQUES ON RACIAL SELF-CONCEPT OF NEGROES AND RACIAL ATTITUDES OF WHITES.
BR-8-E-040 EP 011 351

WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION

BOULDER, COLO.
REGIONAL COOPERATIVE PROJECT AMONG HIGHER EDUCATION INSTITUTIONS AND COORDINATING AGENCIES TO DESIGN, DEVELOP AND IMPLEMENT INFORMATION SYSTEMS AND DATA BASES INCLUDING COMMON UNIFORM DATA ELEMENTS.
BR-8-0708 EP 011 380

WISCONSIN STATE UNIV., RIVER FALLS

PLANNING GRADUATE PROGRAMS AROUND REGIONAL PROBLEMS THROUGH ESTABLISHMENT OF REGIONAL RESEARCH CENTERS IN EMERGING STATE COLLEGES AND UNIVERSITIES IN THE CUT-OVER AREAS OF WISCONSIN, MINNESOTA, AND MICHIGAN.
BR-8-E-094 EP 011 354

WISCONSIN UNIV., MILWAUKEE

PROPOSAL FOR RESEARCH ON THE DETERMINATION OF TEACHER SALARY INCREASES.A
BR-8-E-096

accession numbers

The following columns contain the accession numbers which ERIC's clearinghouses have assigned to documents that have been entered into the ERIC system, assigned ERIC Document (ED) numbers and published in this issue of RESEARCH IN EDUCATION. Readers who desire to trace down documents for which they only have clearinghouse accession numbers as references may find the applicable abstracts in RESEARCH IN EDUCATION by referring to the cross-reference list and finding the pertinent ED numbers.

The following symbols are used:

AA — North American Rockwell
AC — Adult Education
AL — Linguistics
CG — Counseling and Personnel Services
EA — Educational Administration
EC — Exceptional Children
EF — Educational Facilities
EM — Educational Media and Technology
FL — Foreign Languages, Teaching of
HE — Higher Education
JC — Junior Colleges
LI — Library and Information Sciences
PS — Early Childhood Education
RC — Rural Education and Small Schools
RE — Reading
SE — Science Education
SP — Teacher Education
TE — Teaching of English
UD — Urban Disadvantaged
VT — Vocational and Technical Education

CLEARINGHOUSE NUMBER&ED NUMBER CROSS REFERENCE INDEX

AA000298 ED020445
AA000299 ED020446
AA000300 ED020447
AA000301 ED020448
AA000302 ED020449
AA000303 ED020450
AA000304 ED020451

AC000975 ED020452
AC001012 ED020453
AC001023 ED020454
AC001835 ED020455
AC002003 ED020456
AC002044 ED020457
AC002069 ED020458
AC002074 ED020459
AC002086 ED020460
AC002102 ED020461
AC002138 ED020462
AC002140 ED020463
AC002154 ED020464
AC002157 ED020465
AC002159 ED020466
AC002162 ED020467
AC002180 ED020468
AC002182 ED020469
AC002192 ED020470
AC002203 ED020471
AC002208 ED020472
AC002210 ED020473
AC002216 ED020474
AC002236 ED020475
AC002237 ED020476
AC002240 ED020477
AC002241 ED020478
AC002242 ED020479
AC002244 ED020480
AC002245 ED020481
AC002257 ED020482
AC002277 ED020483
AC002283 ED020484
AC002285 ED020485
AC002289 ED020486
AC002295 ED020487
AC002356 ED020488
AC002668 ED020489

AL000372 ED020490
AL000384 ED020491
AL000636 ED020492
AL000797 ED020493
AL000952 ED020494
AL000956 ED020495
AL001000 ED020496
AL001045 ED020497
AL001072 ED020498
AL001073 ED020499
AL001167 ED020500
AL001184 ED020501
AL001191 ED020502
AL001202 ED020503
AL001259 ED020504
AL001260 ED020505
AL001262 ED020506
AL001263 ED020507
AL001277 ED020508
AL001278 ED020509
AL001279 ED020510
AL001288 ED020511
AL001289 ED020512
AL001290 ED020513
AL001291 ED020514
AL001292 ED020515
AL001293 ED020516
AL001294 ED020517
AL001298 ED020518
AL001299 ED020519
AL001306 ED020520
AL001307 ED020521
AL001312 ED020522
AL001314 ED020523
AL001315 ED020524
AL001316 ED020525

CG001321 ED020526
CG001549 ED020527
CG001558 ED020528
CG001855 ED020529
CG001865 ED020530
CG001886 ED020531
CG001893 ED020532
CG001896 ED020533
CG002079 ED020534
CG002102 ED020535
CG002104 ED020536
CG002108 ED020537
CG002110 ED020538
CG002112 ED020539
CG002114 ED020540
CG002115 ED020541
CG002118 ED020542
CG002120 ED020543
CG002121 ED020544
CG002122 ED020545
CG002127 ED020546
CG002128 ED020547
CG002204 ED020548
CG002311 ED020549
CG002335 ED020550
CG002339 ED020551
CG002340 ED020552
CG002342 ED020553
CG002344 ED020554
CG002345 ED020555
CG002358 ED020556
CG002367 ED020557
CG002368 ED020558

EA001183 ED020559
EA001353 ED020560
EA001354 ED020561
EA001355 ED020562
EA001357 ED020563
EA001358 ED020564
EA001359 ED020565
EA001360 ED020566
EA001361 ED020567
EA001363 ED020568
EA001364 ED020569
EA001365 ED020570
EA001368 ED020571
EA001369 ED020572
EA001370 ED020573
EA001373 ED020574
EA001374 ED020575
EA001375 ED020576
EA001377 ED020577
EA001378 ED020578
EA001423 ED020579
EA001424 ED020580
EA001426 ED020581
EA001427 ED020582
EA001428 ED020583
EA001429 ED020584
EA001430 ED020585
EA001431 ED020586
EA001444 ED020587
EA001451 ED020588

EC000572 ED020589
EC000575 ED020590
EC000831 ED020591
EC000953 ED020592
EC001025 ED020593
EC001151 ED020594
EC001265 ED020595
EC001276 ED020596
EC001306 ED020597
EC001492 ED020598
EC001529 ED020599
EC001682 ED020600
EC001797 ED020601
EC001940 ED020602
EC001946 ED020603
EC001956 ED020604
EC002355 ED020605
EC002357 ED020606
EC002393 ED020607
EC002394 ED020608
EC002614 ED020609
EC002614 ED020610
EC002616 ED020611
EC002653 ED020612
EC002656 ED020613
EC002657 ED020614
EC002658 ED020615
EC002659 ED020616

EF000054 ED020617
EF000104 ED020618
EF000123 ED020619
EF000236 ED020620
EF000308 ED020621
EF000483 ED020622
EF000492 ED020623
EF000672 ED020624
EF000895 ED020625
EF001303 ED020626
EF001322 ED020627
EF001328 ED020628
EF001391 ED020629
EF001392 ED020630
EF001571 ED020631
EF001594 ED020632
EF001614 ED020633
EF001660 ED020634
EF001663 ED020635
EF001664 ED020636
EF001674 ED020637
EF001705 ED020638
EF001785 ED020639
EF001800 ED020640
EF001803 ED020641
EF001810 ED020642
EF001811 ED020643
EF001830 ED020644
EF001855 ED020645
EF001857 ED020646
EF001871 ED020647
EF001961 ED020648
EF001991 ED020649

EM000212 ED020650
EM000214 ED020651
EM000216 ED020652
EM000219 ED020653
EM000221 ED020654
EM000222 ED020655
EM000223 ED020656
EM000232 ED020657
EM000235 ED020658
EM000237 ED020659
EM000242 ED020660
EM005981 ED020661
EM005995 ED020662
EM006144 ED020663
EM006145 ED020664
EM006146 ED020665
EM006147 ED020666
EM006148 ED020667
EM006149 ED020668
EM006150 ED020669
EM006156 ED020670
EM006167 ED020671
EM006211 ED020672
EM006237 ED020673
EM006293 ED020674
EM006297 ED020675
EM006298 ED020676
EM006299 ED020677
EM006300 ED020678
EM006664 ED020679
EM006672 ED020680
EM006673 ED020681
EM006680 ED020682
EM006688 ED020683
EM006701 ED020684
EM006705 ED020685

FL000181 ED020686
FL000317 ED020687
FL000410 ED020688
FL000411 ED020689
FL000412 ED020690
FL000413 ED020691
FL000416 ED020692
FL000477 ED020693
FL000497 ED020694
FL000576 ED020695
FL000620 ED020696
FL000622 ED020697
FL000705 ED020698
FL000717 ED020699
FL000726 ED020700

CLEARINGHOUSE NUMBERED NUMBER CROSS REFERENCE INDEX

FL000801	ED020701
FL000803	ED020702
FL000838	ED020703
FL000859	ED020704
FL000860	ED020705
FL000861	ED020706
FL000873	ED020707
FL000875	ED020708
FL000888	ED020709
FL000889	ED020710
JC680070	ED020711
JC680192	ED020712
JC680194	ED020713
JC680215	ED020714
JC680218	ED020715
JC680219	ED020716
JC680220	ED020717
JC680221	ED020718
JC680222	ED020719
JC680223	ED020720
JC680224	ED020721
JC680225	ED020722
JC680226	ED020723
JC680227	ED020724
JC680228	ED020725
JC680230	ED020726
JC680231	ED020727
JC680232	ED020728
JC680233	ED020729
JC680234	ED020730
JC680235	ED020731
JC680236	ED020732
JC680238	ED020733
JC680240	ED020734
JC680241	ED020735
JC680244	ED020736
JC680245	ED020737
JC680246	ED020738
JC680248	ED020739
JC680249	ED020740
JC680250	ED020741
JC680251	ED020742
JC680253	ED020743
JC680254	ED020744
JC680255	ED020745
LI000023	ED020746
LI000040	ED020747
LI000417	ED020748
LI000433	ED020749
LI000472	ED020750
LI000563	ED020751
LI000564	ED020752
LI000565	ED020753
LI000566	ED020754
LI000567	ED020755
LI000568	ED020756
LI000569	ED020757
LI000590	ED020758
LI000626	ED020759
LI000749	ED020760
LI000795	ED020761
LI000818	ED020762
LI000823	ED020763
LI000825	ED020764
LI000831	ED020765
LI000863	ED020766
LI000864	ED020767
LI000867	ED020768
LI000871	ED020769
PS000098	ED020770
PS000195	ED020771
PS000223	ED020772
PS000228	ED020773
PS000563	ED020774
PS000854	ED020775
PS000928	ED020776
PS000939	ED020777
PS000948	ED020778
PS000968	ED020779
PS000969	ED020780
PS000970	ED020781
PS000971	ED020782
PS000974	ED020783
PS000976	ED020784
PS000981	ED020785
PS000985	ED020786
PS000987	ED020787
PS000988	ED020788
PS000989	ED020789
PS000991	ED020790
PS000999	ED020791
PS001000	ED020792
PS001002	ED020793
PS001003	ED020794
PS001004	ED020795
PS001007	ED020796
PS001009	ED020797
PS001010	ED020798
PS001011	ED020799
PS001012	ED020800
PS001014	ED020801
PS001015	ED020802
PS001045	ED020803
PS001046	ED020804
PS001047	ED020805
PS001068	ED020806
RC000139	ED020807
RC000176	ED020808
RC000224	ED020809
RC000317	ED020810
RC000363	ED020811
RC000405	ED020812
RC000490	ED020813
RC000557	ED020814
RC001298	ED020815
RC001426	ED020816
RC001451	ED020817
RC001457	ED020818
RC001534	ED020819
RC001613	ED020820
RC001619	ED020821
RC001744	ED020822
RC001752	ED020823
RC002023	ED020824
RC002424	ED020825
RC002449	ED020826
RC002483	ED020827
RC002485	ED020828
RC002486	ED020829
RC002488	ED020830
RC002491	ED020831
RC002495	ED020832
RC002497	ED020833
RC002500	ED020834
RC002501	ED020835
RC002503	ED020836
RC002509	ED020837
RC002512	ED020838
RC002513	ED020839
RC002530	ED020840
RC002531	ED020841
RC002534	ED020842
RC002536	ED020843
RC002537	ED020844
RC002539	ED020845
RC002540	ED020846
RC002541	ED020847
RC002545	ED020848
RC002548	ED020849
RC002554	ED020850
RC002559	ED020851
RC002570	ED020852
RC002571	ED020853
RC002582	ED020854
RE001217	ED020855
RE001253	ED020856
RE001279	ED020857
RE001282	ED020858
RE001283	ED020859
RE001285	ED020860
RE001286	ED020861
RE001324	ED020862
RE001325	ED020863
RE001330	ED020864
RE001342	ED020865
RE001343	ED020866
RE001345	ED020867
RE001347	ED020868
RE001363	ED020869
RE001366	ED020870
RE001377	ED020871
RE001378	ED020872
RE001380	ED020873
RE001384	ED020874
RE001386	ED020875
RE001387	ED020876
RE001388	ED020877
RE001389	ED020878
RE001392	ED020879
RE001395	ED020880
RE001396	ED020881
SE004020	ED020882
SE004127	ED020883
SE004435	ED020884
SE004502	ED020885
SE004503	ED020886
SE004506	ED020887
SE004508	ED020888
SE004509	ED020889
SE004513	ED020890
SE004514	ED020891
SE004515	ED020892
SE004516	ED020893
SE004517	ED020894
SE004518	ED020895
SE004519	ED020896
SE004521	ED020897
SE004586	ED020898
SE004875	ED020899
SE004881	ED020900
SE004883	ED020901
SE004884	ED020902
SE004896	ED020903
SE004901	ED020904
SE004902	ED020905
SE004903	ED020906
SE004904	ED020907
SE004906	ED020908
SE004907	ED020909
SE004908	ED020910
SE004909	ED020911
SE004910	ED020912
SE004911	ED020913
SE004912	ED020914
SE004913	ED020915
SE004914	ED020916
SE004920	ED020917
SE004937	ED020918
TE000416	ED020919
TE000452	ED020920
TE000491	ED020921
TE000492	ED020922
TE000517	ED020923
TE000518	ED020924
TE000519	ED020925
TE000523	ED020926
TE000532	ED020927
TE000534	ED020928
TE000536	ED020929
TE000539	ED020930
TE000557	ED020931
TE000562	ED020932
TE000583	ED020933
TE000602	ED020934
TE499981	ED020935
TE499984	ED020936
TE499986	ED020937
TE499995	ED020938
TE500190	ED020939
TE500191	ED020940
TE500192	ED020941
TE500193	ED020942
TE500194	ED020943
TE500195	ED020944
TE500196	ED020945
TE500197	ED020946
TE500198	ED020947
TE500199	ED020948
UD000421	ED020949
UD000736	ED020950
UD000771	ED020951
UD001328	ED020952
UD001467	ED020953
UD001534	ED020954
UD001603	ED020955
UD001610	ED020956

CLEARINGHOUSE NUMBER&ED NUMBER CROSS REFERENCE INDEX

UD0C1771	ED020957	VT000031	ED021022	VT005672	ED021089
UD0C2700	ED020958	VT000284	ED021023	VT005673	ED021090
UD0C5200	ED020959	VT000285	ED021024	VT005674	ED021091
UD0C5201	ED020960	VT000286	ED021025	VT005675	ED021092
UD0C5202	ED020961	VT000287	ED021026	VT005676	ED021093
UD0C5203	ED020962	VT000308	ED021027	VT005677	ED021094
UD0C5204	ED020963	VT000309	ED021028	VT005678	ED021095
UD0C5205	ED020964	VT000310	ED021029	VT005679	ED021096
UD0C5350	ED020965	VT000311	ED021030	VT005680	ED021097
UD0C5354	ED020966	VT000312	ED021031	VT005681	ED021098
UD0C5355	ED020967	VT000313	ED021032	VT005682	ED021099
UD0C5356	ED020968	VT000314	ED021033	VT005683	ED021100
UD0C5357	ED020969	VT000316	ED021034	VT005684	ED021101
UD0C5643	ED020970	VT000317	ED021035	VT005685	ED021102
UD0C5644	ED020971	VT000318	ED021036	VT005686	ED021103
UD0C5645	ED020972	VT000319	ED021037	VT005687	ED021104
UD0C5646	ED020973	VT000320	ED021038	VT005688	ED021105
UD0C5647	ED020974	VT000321	ED021039	VT005689	ED021106
UD0C5684	ED020975	VT002727	ED021041	VT005690	ED021107
UD0C5690	ED020976	VT002801	ED021042	VT005691	ED021108
UD0C5702	ED020977	VT002803	ED021043	VT005692	ED021109
UD0C5717	ED020978	VT002823	ED021044	VT005693	ED021110
UD0C5723	ED020979	VT002873	ED021045	VT005694	ED021111
UD0C5725	ED020980	VT002890	ED021046	VT005695	ED021112
UD0C5726	ED020981	VT003372	ED021047	VT005696	ED021113
UD0C5729	ED020982	VT003543	ED021048	VT005697	ED021114
UD0C5730	ED020983	VT003561	ED021049	VT005698	ED021115
UD0C5738	ED020984	VT003700	ED021050	VT005699	ED021116
UD0C5921	ED020985	VT003951	ED021051	VT005700	ED021117
UD0C5922	ED020986	VT004108	ED021052	VT005701	ED021118
UD0C5923	ED020987	VT004208	ED021053	VT005702	ED021119
UD0C5925	ED020988	VT004345	ED021054	VT005703	ED021120
UD0C5983	ED020989	VT004358	ED021055	VT005704	ED021121
UD0C5984	ED020990	VT004609	ED021056	VT005705	ED021122
UD0C5985	ED020991	VT004612	ED021057	VT005706	ED021123
UD0C5989	ED020992	VT004817	ED021058	VT005707	ED021124
UD0C5990	ED020993	VT004914	ED021059	VT005708	ED021125
UD0C6001	ED020994	VT004926	ED021060	VT005709	ED021126
UD0C6008	ED020995	VT004927	ED021061	VT005723	ED021127
UD0C6012	ED020996	VT004931	ED021062	VT005762	ED021128
UD0C6032	ED020997	VT005019	ED021063	VT005763	ED021129
UD0C6131	ED020998	VT005415	ED021064	VT005776	ED021130
UD0C6133	ED020999	VT005507	ED021065	VT005777	ED021131
UD0C6134	ED021000	VT005525	ED021066	VT005833	ED021132
UD0C6135	ED021001	VT005545	ED021067	VT005851	ED021133
UD0C6136	ED021002	VT005551	ED021068	VT005860	ED021134
UD0C6140	ED021003	VT005628	ED021069	VT005861	ED021135
UD0C6150	ED021004	VT005631	ED021070	VT005862	ED021136
UD0C6283	ED021005	VT005635	ED021071	VT005869	ED021137
UD0C6291	ED021006	VT005655	ED021072	VT005870	ED021138
UD0C6361	ED021007	VT005656	ED021073	VT005874	ED021139
UD0C6373	ED021008	VT005657	ED021074	VT005935	ED021140
UD0C6374	ED021009	VT005658	ED021075	VT005941	ED021141
UD0C6375	ED021010	VT005659	ED021076	VT005942	ED021142
UD0C6376	ED021011	VT005660	ED021077	VT005943	ED021143
UD0C6377	ED021012	VT005661	ED021078	VT005944	ED021144
UD0C6378	ED021013	VT005662	ED021079	VT005945	ED021145
UD0C6408	ED021014	VT005663	ED021080	VT005946	ED021146
UD0C6409	ED021015	VT005664	ED021081	VT005947	ED021147
UD0C6410	ED021016	VT005665	ED021082	VT005993	ED021148
UD0C6411	ED021017	VT005666	ED021083	VT006006	ED021149
UD0C6413	ED021018	VT005667	ED021084	VT006291	ED021150
UD0C6414	ED021019	VT005668	ED021085	VT006309	ED021151
UD0C6415	ED021020	VT005669	ED021086		
UD0C6416	ED021021	VT005670	ED021087		
		VT005671	ED021088		

how to order documents

The full texts of nearly all documents in *Research in Education,* all reports in the *Office of Education Research Reports,* the *Selected Documents on the Disadvantaged,* and the work plans for projects cited in *Pacesetters in Innovation, 1966,* and *1967* are available from:

ERIC Document Reproduction Service
The National Cash Register Company
4936 Fairmont Avenue
Bethesda, Maryland 20014

Special note: The full text of items cited in the *Project Section* of *Research in Education* is not available for purchase from the ERIC Document Reproduction Service.

When documents in the *Document Section* are cited "not available from EDRS" other sources appear at the end of the abstract.

In ordering documents, the following information must be furnished:

The ED numbers of the desired documents (titles need not be furnished).
The type of reproduction desired—hard copy or microfiche.
The number of copies being ordered.

Prices for documents are cited in the *Résumé* portion of each *Document Section* entry. "HC" stands for hard copy — reproduction in easy to read form. "MF" stands for microfiche — reproduction on 4x6 inch sheet of film with up to 60 images, each representing an 8x11½ inch sheet of paper. Microfiche readers, available from many manufacturers, are required to enlarge the images for reading purposes.

Standing orders — The price for standing orders (for all ERIC documents cited in *Research in Education)* has been reduced to 8.4¢ per fiche.
Individual orders — The price for individual orders is 25¢ per fiche.

To compute the cost of individual microfiche announced prior to January 1, 1968, use the following table:

(MF) price was	new price	(MF) price was	new price
$.09	$ .25	$.54	$1.50
.18	.50	.63	1.75
.27	.75	.72	2.00
.36	1.00	.81	2.25
.45	1.25	.90	2.50

The price of hard copy for all reports, past and current, is 4 cents per page. Complete collections of all documents can be purchased at the rate of 8.4 cents per microfiche in the following: *Office of Education Research Reports,* 1956–1965, $280; *Pacesetters,* 1966, $100 and 1967, $120; *Selected Documents on the Disadvantaged,* $230.

Payment must accompany orders totaling less than $5. Add a special handling charge of 50 cents to any order which totals less than $3. The ERIC Document Reproduction Service is registered to collect sales taxes and orders from States which have sales tax laws must include payment of the appropriate tax or include tax exemption certificates.

Foreign orders: A 25-percent service charge, calculated to the nearest cent, must accompany orders from outside the United States, its territories, and possessions. This service charge is applicable to orders for microfiche (MF) and hard copy (HC).

SPECIAL REMINDER . . .

THESAURUS OF ERIC DESCRIPTORS

The Thesaurus of ERIC Descriptors, First Edition, December 1967, and Supplement Number 1, March 1968, are essential tools for users of Research in Education. Consulting these Thesauri is the first step in making a search of the subject indexes. Searches can be done more quickly and in greater depth by finding the most accurate descriptors which describe the subject area of interest to the reader.

The following three steps illustrate a suggested method for productive use of the Thesauri and the subject indexes.

1 ▼ ..... INDICATE YOUR NEED

Typical information categories are indicated by the Terms listed below. Select the term that most closely represents your information need.

_____ VOCATIONAL EDUCATION _____ YOUTH

_____ RESEARCH _____ COMPUTERS

_____ CURRICULUM DEVELOPMENT _____ _____

2 ▼ ..... SHARPEN YOUR SEARCH

Look up the Broad Term selected in the ERIC Thesaurus. Scan the index entries. Narrow your search to the information you would like to see. Check the Related Terms, and Narrower Terms. Zero in on the information you need and write these terms below.

RT _____ _____ RT _____ _____

NTs: _____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

3 ▼ ..... IDENTIFY PERTINENT DOCUMENTS

Look up your terms in the Research in Education Subject Index Section. Jot down the Accession Number of titles that look most relevant to your needs:

ED _____ ED _____ ED _____ ED _____

ED _____ ED _____ ED _____ ED _____

★ U.S. GOVERNMENT PRINTING OFFICE : 1968 O—342-421 (6)

some ERIC products

Office of Education Reports: 1956-1965. A decade of research in education is covered in this two-volume set. One volume (OE-12029) includes résumés for the 1,214 reports covered and costs $1.75; the other (OE-12028) includes the author, institution, and subject-matter indexes and costs $2. When used with *Research in Education,* these volumes provide a record for all research supported by the U.S. Office of Education from 1956 to the present.

Pacesetters in Innovation. The first volume, fiscal year 1966 (OE–20103) contains résumés for 1,075 projects begun under title III, Elementary and Secondary Act of 1965. The second volume (OE–20103–67) contains résumés for 906 projects begun under title III during fiscal year 1967. The author, institution, and subject-matter indexes in each volume allow educators and researchers to find projects quickly. Both are available from the Superintendent of Documents for $2.50 each.

Selected Documents on the Disadvantaged. A collection of 1,740 documents dealing with the special educational needs of the disadvantaged. The Number and Author Index (OE-37001) can be purchased from the Superintendent of Documents, U.S. Government Printing Office for $0.65 and the Subject Index (OE-37002) for $3.00.

Thesaurus of ERIC Descriptors, First Edition, December 1967 (OE–12031), and Supplement Number 1, March 1968 (OE–12031–1), are the first comprehensive subject authorities for storing, searching, and disseminating educational research and research-related information acquired by the Educational Resources Information Center. The Thesauri should be used in searching the subject indexes of *Research in Education,* monthly abstract journal.

Research in Education, Annual Index, 1967, Report Résumé Index, provides cumulative indexes for the research *reports* that were announced in the monthly issues of *Research in Education* from November 1966 through December 1967.

Research in Education, Annual Index, 1967, Project Résumé Index, provides cumulative indexes for the research *projects* that were announced in the monthly issues of *Research in Education* from November 1966 through December 1967.

Research in Education, Semi-Annual Index for January-June 1968 (Reports).

Manpower Research: Inventory for Fiscal Years 1966 and 1967 (OE–12036), compiled by the Interagency Committee on Manpower Research and made available through the ERIC system, provides valuable information on the nature and scope of completed manpower research in the Federal Government. This volume contains 392 reports which are extensively indexed.

Use mail order form on the back of this page.

Mail order form to:
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

Enclosed find $_____ (check or money order). Please send me:

- ☐ Office of Education Research Reports, 1956-65, Résumés (OE-12029)—$1.75
- ☐ Office of Education Research Reports, 1956-65, Indexes (OE-12028)—$2.00
- ☐ Pacesetters in Innovation, Fiscal Year 1966 (OE-20103)—$2.50
- ☐ Pacesetters in Innovation, Fiscal Year 1967 (OE-20103-67)—$2.50
- ☐ Catalog of Selected Documents on the Disadvantaged, Number and Author Index (OE-37001)—$0.65
- ☐ Catalog of Selected Documents on the Disadvantaged, Subject Index (OE-37002)—$3.00
- ☐ *Research in Education*, 1967 Annual Index (Reports)—$3.25
- ☐ *Research in Education*, 1967 Annual Index (Projects)—$1.50
- ☐ *Research in Education*, Semi-Annual Index for January-June 1968 (Reports)—$3.75
- ☐ Thesaurus of ERIC Descriptors, First Edition (OE-12031)—$2.50
- ☐ Thesaurus of ERIC Descriptors, Supplement No. 1, March 1968 (OE-12031-1)—$2.00
- ☐ Manpower Research: Inventory for Fiscal Years 1966 and 1967 (OE-12036)—$2.75

	For use of Supt. Docs.	
Name_____		
Address_____		
City, State, and ZIP Code_____		

ERIC is a nationwide information network consisting of a central staff at the Office of Education and 19 clearinghouses, each of which focuses on a specific field of education. The clearinghouses acquire, review, abstract, and index the documents announced in *Research in Education* and disseminated through the ERIC Document Reproduction Service. The clearinghouses also prepare bibliographies and interpretive summaries of research. Like other documents, these products are announced in *Research in Education* and disseminated through the ERIC Document Reproduction Service. The clearinghouses cannot provide detailed replies to inquiries for information on specific topics. Instead, educators are urged to acquire *Research in Education* and the other ERIC bulletins listed on the ERIC products page and use these resources to search for desired information.

ERIC clearinghouses are listed below, but individuals desiring additional information concerning ERIC and its function are encouraged to contact:

ERIC, U.S. Office of Education
400 Maryland Avenue, SW., Washington, D.C. 20202

ERIC CLEARINGHOUSES ON . . . . .

ADULT EDUCATION
Syracuse University
Syracuse, N.Y. 13210

COUNSELING AND PERSONNEL SERVICES
University of Michigan
Ann Arbor, Mich. 48104

DISADVANTAGED
Teachers College
Columbia University
New York, N.Y. 10027

EARLY CHILDHOOD EDUCATION
University of Illinois
Urbana, Ill. 61801

EDUCATIONAL ADMINISTRATION
University of Oregon
Eugene, Oregon 97403

EDUCATIONAL FACILITIES
University of Wisconsin
Madison, Wis. 53703

EDUCATIONAL MEDIA AND TECHNOLOGY
Stanford University
Stanford, Calif. 94305

EXCEPTIONAL CHILDREN
The Council for Exceptional Children
Washington, D.C. 20036

HIGHER EDUCATION
George Washington University
Washington, D.C. 20006

JUNIOR COLLEGES
University of California at Los Angeles
Los Angeles, Calif. 90024

LIBRARY AND INFORMATION SCIENCES
University of Minnesota
Minneapolis, Minn. 55404

LINGUISTICS
Center for Applied Linguistics
Washington, D.C. 20036

READING
Indiana University
Bloomington, Ind. 47401

RURAL EDUCATION AND SMALL SCHOOLS
New Mexico State University
Las Cruces, N. Mex. 88001

SCIENCE EDUCATION
Ohio State University
Columbus, Ohio 43221

TEACHER EDUCATION
American Association of Colleges for Teacher Education
Washington, D.C. 20005

TEACHING OF ENGLISH
National Council of Teachers of English
Champaign, Ill. 61820

TEACHING OF FOREIGN LANGUAGES
Modern Language Association of America
New York, N.Y. 10011

VOCATIONAL AND TECHNICAL EDUCATION
Ohio State University
Columbus, Ohio 43212

UNITED STATES
GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

document section

document résumés

subject index

author index

institution index

OFFICE OF EDUCATION/U.S. DEPARTMENT OF HEALTH, EDUCATION, & WELFAR

project section

project résumés

subject index

investigator index

institution index

accession numbers

how to order documents

75

FFICE

LFAR